

TREASURY DEPARTMENT.—U. S. MARINE-HOSPITAL SERVICE.

---



# PUBLIC HEALTH REPORTS.

---

Published in accordance with act of Congress approved  
February 15, 1893.

VOL. XVII.

MAY 9, 1902.

NO. 19

---

WASHINGTON:  
GOVERNMENT PRINTING OFFICE.  
1902.

**NOTICE.**

Any person on the mailing list of the PUBLIC HEALTH REPORTS who, at any time, fails to receive promptly this publication will confer a favor by notifying the Surgeon-General of the United States Marine-Hospital Service.

# CONTENTS.

## UNITED STATES.

	Page.
Smallpox in Louisville, Ky.....	1039
Inspection service at Eastport, Me.....	1040
Arrival at Reedy Island quarantine of vessels from West Indian ports.....	1040
Arrival at Baltimore of vessels from West Indian and South American ports.....	1040
Reports from the Mexican border—	
Eagle Pass, Tex.; inspection service.....	1041
El Paso, Tex.; inspection service.....	1041
Laredo, Tex.; inspection service.....	1041
Statistical reports of States and cities of the United States; yearly and monthly...	1041
Reports of inspection of immigrants.....	1043
Table—	
Quarantine reports.....	1046
Smallpox in the United States.....	1054
Plague in the United States.....	1068
Weekly mortality of cities of the United States.....	1069
Temperature and rainfall.....	1071

## FOREIGN AND INSULAR.

British Honduras; report from Belize; fruit port.....	1073
Canada; inspection of immigrants at Quebec, Halifax, and St. John.....	1073
China—	
Cholera in Canton and vicinity.....	1073
Report from Hongkong.....	1076
Plague epidemic at Pakhoi.....	1076
Colombia; report from Bocas del Toro; fruit port.....	1077
Costa Rica—	
Report from Port Limon; fruit port.....	1077
Yellow fever at Port Limon.....	1078
Cuba—	
Reports from Cienfuegos, Casilda, and Santa Cruz del Sur.....	1079
Reports from Havana and Batabano.....	1079
Inspection of immigrants at Havana.....	1081
Reports from Matanzas, Cardenas, Isabela de Sagua, and Caibarien.....	1081
Reports from Santiago, Manzanillo, Guantanamo, and Daiquiri.....	1082
Inspection of immigrants at Santiago.....	1084
England—	
Reports from Liverpool.....	1084
Report from London.....	1085
Germany—	
Plague and cholera in various countries.....	1085
Health of Berlin.....	1086
Hawaii; a death from plague at Honolulu.....	1086
Honduras; report from La Ceiba; fruit port.....	1086
Italy; report from Naples; smallpox in Naples; plague and cholera in Egypt.....	1087
Mexico; report from Vera Cruz.....	1088
New Brunswick; inspection service at St. John.....	1088
Nicaragua; report from Bluefields; fruit port.....	1089
Philippine Islands—	
Reports from Manila.....	1089
Cholera in Manila; its introduction; cases and deaths.....	1089
Circulars to steamship agents.....	1091
Porto Rico—	
Report from Ponce.....	1092
Inspection of immigrants at San Juan and subports.....	1093
Inspection of immigrants at Ponce.....	1094

	Page.
Spain ; smallpox epidemic at Cartagena.....	1094
Straits Settlements ; mortality at Singapore for January, 1902.....	1094
Turkey ; cholera in the Hedjaz.....	1095
Foreign and insular statistical reports of countries and cities ; yearly and monthly..	1096
Cholera, yellow fever, plague, and smallpox table.....	1098
Weekly mortality table, foreign and insular cities.....	1103



## PUBLIC HEALTH REPORTS.

### UNITED STATES.

[Reports to the Surgeon-General United States Marine-Hospital Service.]

#### *Smallpox in Louisville, Ky.*

LOUISVILLE, KY., April 29, 1902.

SIR: I have the honor to report that a patient applied at out-patient office about two weeks ago who was found to be suffering with smallpox of the generally prevailing mild type. His ailment had not prevented his working. He was in the beginning of the pustular stage. He was turned over to the city authorities. A few days later another patient appeared who presented a fading eruption of a typically variolous character. He did not want treatment, but was interested, merely as a matter of curiosity, in knowing if it was not "some kind of smallpox." The eruption had been present for eight days. He had never missed a meal nor lost an hour's time from his work. There had been a few pocks on chest, abdomen, back, and thighs, and 1 or 2 on face. They had all desquamated except 1 or 2, and they about so. He was turned over to the city authorities, but, as he was practically recovered, they decided not to detain him.

Both these patients came from the line of boats plying between Louisville, Evansville, and way landings. By arrangement with the company, Assistant Surgeon Berry vaccinated the crews of 2 of these boats, but the captain of the third boat declined to have his crew vaccinated.

The city health officer, Dr. Allen, has been very actively campaigning against imported smallpox, but as long as the cases are as mild as those above described, the disease is bound to spread.

Through the courtesy of Dr. Allen I am enabled to give the following figures: Number of cases of smallpox reported during the past seven months: 1901, October, 1 case, no deaths; November, 1 case, no deaths; December, 1 case, no deaths. 1902, January, 19 cases, no deaths; February, 14 cases, no deaths; March, 21 cases, no deaths; April 1 to April 28, 31 cases, 1 death. Total, 88 cases, 1 death.

Respectfully,

G. B. YOUNG,  
*Passed Assistant Surgeon, U. S. M. H. S., In Command.*

*Inspection service at Eastport, Me.*

EASTPORT, ME., May 1, 1902.

SIR: I beg to submit the following report of work done at this inspection station during the week ended Thursday, May 1, 1902:

*Vessels inspected.*

Date.	Vessel.	From—	For—	Crew.	Passengers.	
					For East-port.	In trans-it.
Apr. 25	Sc. Pandora.....	St. John, New Brunswick.	Eastport.....	4		
Do.....	Ss. Aurora.....	St. Stephen, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	2	10
Do.....	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	6	
Apr. 26	Ss. St. Croix.....	Boston.....	St. John, New Brunswick.	61	7	43
Do.....	Sc. E. M. Sawyer.....	New York.....	Eastport.....	5		
Apr. 28	Ss. H. F. Eaton.....	Calais, Me.....	do.....	10	15	
Do.....	Ss. St. Croix.....	St. John, New Brunswick.	Portland and Boston.....	61	5	25
Apr. 29	Ss. Viking.....	St. Stephen, New Brunswick.	Eastport.....	6	7	
Do.....	Ss. H. F. Eaton.....	Calais, Me.....	do.....	10	12	
Do.....	Ss. Cumberland.....	Boston and Portland.	St. John, New Brunswick.	60	52	50
Apr. 30	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	20	
Do.....	Ss. Aurora.....	St. John, New Brunswick.	Eastport and Grand Manan, New Brunswick.	8	3	5
Do.....	Ss. Cumberland.....	do.....	Portland and Boston.....	60	15	43
May 1	Ss. H. F. Eaton.....	Calais, Me.....	Eastport.....	10	7	
Do.....	Sc. Silver Spray.....	New York.....	do.....	5		
Do.....	Ss. St. Croix.....	Boston and Portland.	St. John, New Brunswick.	61	15	20

Respectfully,

EDWARD M. SMALL,  
*Acting Assistant Surgeon, U. S. M. H. S.*

*Arrival at Reedy Island Quarantine of vessels from West Indian ports.*

REEDY ISLAND QUARANTINE,  
*via Port Penn, Del., April 27, 1902.*

SIR: Through the medical officer in command of national quarantine service on Delaware Bay and River, I have the honor to report the arrival at this station of the following vessels:

April 21, Norwegian steamship *Donald*, from Banas, with fruit; no passengers; bill of health signed by Acting Asst. Surg. Benjamin de Zayas. April 23, Norwegian steamship *Helga*, from Saint Thomas via Santiago de Cuba, with ore; no passengers; bill of health signed by Assistant Surgeon von Ezdorf. April 24, British steamship *Circassian Prince*, from Havana, with molasses; no passengers; bill of health signed by Surgeon Glennan.

Respectfully,

T. F. RICHARDSON,  
*Assistant Surgeon, U. S. M. H. S., In Command.*

*Arrival at Baltimore of vessels from South American and West Indian ports.*

BALTIMORE, MD., April 26, 1902.

SIR: I have to report the arrival of the following vessels at this port for the week ended to-day: April 21, British steamship *Kestor*, from Santiago de Cuba, with ore. April 22, British steamship *Cacique*, from Antofagasta, Chile, with nitrate of soda; Netherlands steamship *Callisto*,

from Daiquiri, Cuba, ore; British steamship *Tolosa*, from Rio de Janeiro, with ore. April 23, British steamship *Melbrek*, from Rio de Janeiro, with ore. April 25, Norwegian steamship *Fulton*, from Baracoa, Cuba, with fruit; Netherlands steamship, *Themisto*, from Daiquiri, with ore.

Respectfully,

WM. F. STONE,  
Collector.

BALTIMORE, MD., May 3, 1902.

SIR: I have to report the arrival of the following vessels at this port for the week ended this day: April 30, British steamship *Avonmore*, from Daiquiri, Cuba, with ore. May 1, British steamship *Manar*, from Santiago de Cuba, with ore. May 2, British steamship *Grayfield*, from Santiago de Cuba, with ore.

Respectfully,

WM. F. STONE,  
Collector.

#### REPORTS FROM THE MEXICAN BORDER.

*Eagle Pass, Tex., April 28, 1902—Inspection service.*—I have the honor to report the following transactions at this port for the week ended April 26, 1902: Number of trains from Mexico inspected, 8; number of passengers on trains from Mexico inspected and passed, 456; number of passengers from yellow-fever points detained, 1; number of trunks disinfected, 4.

B. KINSELL,  
Acting Assistant Surgeon, U. S. M. H. S.

*El Paso, Tex., April 26, 1902—Inspection service.*—I have the honor to submit herewith summary of transactions at this station for the week ended April 26, 1902. Inspection of Mexican Central Railroad passengers, 219; inspection of Rio Grande and Pacific Railroad passengers, 21; inspection of immigrants, 107; disinfection of soiled linen imported for laundry work, 489 pieces; disinfection of 552 cattle hides; vaccination of immigrants and their children, 14.

E. ALEXANDER,  
Acting Assistant Surgeon, U. S. M. H. S.

*Laredo, Tex., April 28, 1902—Inspection service.*—I have the honor to submit the following inspection report for week ended April 26, 1902: Number of passenger trains from Mexico inspected, 14; persons on passenger trains from Mexico inspected and passed, 577; immigrants inspected, 42; immigrants vaccinated upon entry, 6.

H. J. HAMILTON,  
Acting Assistant Surgeon, U. S. M. H. S.

*Statistical reports of States and cities of the United States—Yearly and monthly.*

ALABAMA—*Birmingham.*—Month of March, 1902. Estimated population, 38,415. Total number of deaths, 64, including scarlet fever, 1, and 15 from tuberculosis.

CALIFORNIA—*San Francisco.*—Month of March, 1902. Estimated population, 360,000. Total number of deaths, 640, including diphtheria, 28; enteric fever, 3; measles, 2; scarlet fever, 1, and 124 from tuberculosis.

**COLORADO—Denver.**—Month of January, 1902. Estimated population, 150,000. Total number of deaths, 220, including diphtheria, 9; enteric fever, 3; scarlet fever, 6, and 47 from tuberculosis.

Month of February, 1902. Total number of deaths, 227, including diphtheria, 6; measles, 1; scarlet fever, 7, and 58 from tuberculosis.

**MICHIGAN.**—Reports to the State board of health, Lansing, for the week ended April 26, 1902, from 76 observers, indicate that diarrhea, pleuritis, inflammation of kidney, and diphtheria were more prevalent and phthisis pulmonalis, scarlet fever, erysipelas, enteric fever, meningitis, and whooping cough were less prevalent than in the preceding week. Meningitis was reported present at 8, diphtheria at 15, whooping cough at 17, enteric fever at 40, measles at 77, scarlet fever at 91, smallpox at 110, and phthisis pulmonalis at 219 places.

**MINNESOTA—Minneapolis.**—Month of March, 1902. Estimated population, 170,000. Total number of deaths, 141, including diphtheria, 2; enteric fever, 2; scarlet fever, 2; whooping cough, 2, and 26 from tuberculosis.

**MISSOURI—St. Joseph.**—Month of March, 1902. Estimated population, 105,000. Total number of deaths, 65, including diphtheria, 2; enteric fever, 1; measles, 2, and 8 from tuberculosis.

**NEW HAMPSHIRE—Concord.**—Two weeks ended April 19, 1902. Census population, 19,632. Total number of deaths, 12. No deaths from contagious diseases.

**NEW JERSEY—Passaic.**—Six weeks ended April 26, 1902. Census population, 27,777. Total number of deaths, 76, including diphtheria, 1; enteric fever, 2, and 2 from measles.

**NEW YORK.**—Reports to the State board of health, Albany, for the month of March, 1902, from 156 cities, towns, and villages having an aggregate estimated population of 7,467,050, show a total of 10,935 deaths, including diphtheria, 247; enteric fever, 112; measles, 138; scarlet fever, 134; whooping cough, 69; smallpox, 51, and 1,235 from phthisis pulmonalis.

**OHIO.**—Reports to the State board of health for the nine weeks ended March 29, 1902, from 77 localities having an aggregate population of 1,433,098, show 63 deaths from diphtheria, 67 from enteric fever, 24 from measles, 31 from scarlet fever, and 7 from whooping cough.

**Cleveland.**—Month of March, 1902. Estimated population, 150,000. Total number of deaths, 129, including diphtheria, 7; enteric fever, 5; measles, 1; scarlet fever, 3, and 19 from tuberculosis.

**OREGON—Portland.**—Month of March, 1902. Estimated population, 100,000. Total number of deaths, 94, including diphtheria, 1; enteric fever, 5; scarlet fever, 1, and 17 from tuberculosis.

**PENNSYLVANIA—Pottsville.**—Month of April, 1902. Estimated population, 15,710. Total number of deaths, 21. No deaths from contagious diseases reported.

WISCONSIN—*Milwaukee*.—Month of March, 1902. Estimated population, 300,000. Total number of deaths, 320, including diphtheria, 5; enteric fever, 4; measles, 5; whooping cough, 1, and 31 from tuberculosis.

*Report of immigration at Baltimore for the week ended May 3, 1902.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Baltimore, May 3, 1902.*

*Number of alien immigrants who arrived at this port during the week ended May 3, 1902;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 28	Steamship Barnstable.....	Port Antonio.....	1
Do....	Steamship Salacia.....	Glasgow.....	1
Apr. 30	Steamship Koln.....	Bremen.....	605
May 2	Steamship Hannover.....	do.....	1,063
	Total.....		2,270

LOUIS T. WEIS,  
*Commissioner.*

*Report of immigration at Boston for the week ended April 26, 1902.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, April 27, 1902.*

*Number of alien immigrants who arrived at this port during the week ended April 26, 1902;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 20	Steamship Boston.....	Yarmouth, Nova Scotia.....	131
Apr. 21	Steamship Admiral Dewey.....	Port Morant, Jamaica.....	4
Apr. 22	Steamship Ibernia.....	London, England.....	2
Apr. 24	Steamship Ivernia.....	Liverpool, England.....	2,003
Do...	Steamship Boston.....	Yarmouth, Nova Scotia.....	158
Do...	Steamship Halifax.....	Halifax, Nova Scotia.....	79
Apr. 25	Steamship Vancouver.....	Genoa and Naples.....	1,249
Do...	Steamship Virginian.....	London, England.....	1
Do....	Steamship Toronto.....	Hull, England.....	2
	Total.....		3,629

GEORGE B. BILLINGS,  
*Commissioner.*



*Report of immigration at New York for the week ended April 26, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, April 29, 1902.**Number of alien immigrants who arrived at this port during the week ended April 26, 1902;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 20	Steamship St. Paul.....	Southampton .....	643
Apr. 21	Steamship Potsdam.....	Rotterdam .....	966
Do....	Steamship Patria .....	Naples.....	1,085
Apr. 22	Steamship Zeeland .....	Antwerp .....	1,241
Do....	Steamship Cymric .....	Liverpool and Queenstown.....	1,282
Do....	Steamship La Gascogne .....	Havre.....	1,425
Apr. 23	Steamship Pisa .....	Hamburg.....	213
Do....	Steamship Hohenzollern.....	Genoa and Naples.....	754
Do....	Steamship Grosser Kurfurst.....	Bremen.....	1,960
Apr. 24	Steamship Oceanic.....	Liverpool and Queenstown.....	1,090
Do....	Steamship Laurentian .....	Glasgow.....	117
Do....	Steamship Pretoria.....	Hamburg.....	2,344
Apr. 25	Steamship Hekla.....	Copenhagen, etc.....	401
Apr. 26	Steamship La Savoie.....	Havre .....	679
Do....	Steamship Archimede .....	Naples.....	822
Do....	Steamship Furst Bismarck .....	Hamburg.....	564
Do....	Steamship Furnessia.....	Glasgow.....	590
Total.....			16,076

WM. WILLIAMS,  
*Commissioner.**Report of immigration at Philadelphia for the week ended April 26, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, April 26, 1902.**Number of alien immigrants who arrived at this port during the week ended April 26, 1902;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 20	Steamship East Point.....	London.....	5
Apr. 21	Steamship Belgenland.....	Liverpool and Queenstown.....	359
Do....	Steamship Conway .....	Garrucha, Spain .....	2
Apr. 24	Steamship Switzerland.....	Antwerp.....	548
Total.....			914

JAS. L. HUGHES,  
*Acting Commissioner.*

*Report of immigration at Philadelphia for the week ended May 3, 1902.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, May 3, 1902.*

*Number of alien immigrants who arrived at this port during the week ended May 3, 1902 ;  
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 27	Steamship Pennmanor.....	Rotterdam .....	2
Do.....	Steamship Crown Point .....	London .....	4
Do.....	Steamship Liberian.....	St. Johns, Nova Scotia.....	42
Do.....	Steamship Russian Prince.....	Havana.....	1
Do .....	Steamship Haverford.....	Liverpool and Queenstown.....	687
Apr. 29	Steamship Ardingo G.....	Buenos Ayres.....	1
	Total.....	.....	737

JAS. L. HUGHES,  
*Acting Commissioner.*

*Report of immigrants inspected at the port of Detroit, Mich., during the  
month of April, 1902.*

DETROIT, MICH., May 2, 1902.

SIR: I have the honor to report that during the month of March, 1902, there were 2 alien immigrants examined at the port of Detroit, and 25 during the month of April, 1902; all were passed.

Respectfully,

E. K. SPRAGUE,  
*Passed Assistant Surgeon, U. S. M. H. S.*

*Report of immigrants inspected at the port of New York, N. Y., during the  
month of March, 1902.*

Total number of immigrants inspected, 62,410; number passed, 62,120; number certified on account of dangerous contagious or loathsome diseases, or for other physical causes, 290.

GEORGE W. STONER,  
*Surgeon, U. S. M. H. S.*

*Report of immigrants inspected at the port of Portland, Me., during the  
month of April, 1902.*

Total number of immigrants, inspected, 304; number passed, 302; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 2.

P. KALLOCH,  
*Surgeon, U. S. M. H. S.*

*Report of immigrants inspected at the port of San Francisco Quarantine  
Station, Angel Island, Cal., during the month of March, 1902.*

Total number of immigrants inspected, 456; number passed, 455; number certified for deportation on account of dangerous contagious or loathsome diseases, or for other physical causes, 1.

HUGH S. CUMMING,  
*Passed Assistant Surgeon, U. S. M. H. S.*

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	UNITED STATES:				
2	Alexandria, Va.	May 3			
3	Apalachicola, Fla.	do.			
4	Beaufort, N. C.	do.			
5	Biscayne Bay, Fla.	Apr. 26			
6	Boca Grande, Fla.	do.			
6	Brunswick, Ga.	do.	Sp. bk. Progreso (a)...	Apr. 18	Havana
7	Cape Charles, Va.	do.			
8	Cape Fear, N. C.	do.			
9	Cedar Key, Fla.	May 3			
10	Columbia River, Oreg.	Apr. 26			
11	Cumberland Sound, Fla.	do.	Nor. bk. Norman	Apr. 22	Liverpool
12	Delaware Breakwater Quarantine, Lewes, Del.	do.			
13	Dutch Harbor, Alaska				
14	Eureka, Cal.	Apr. 26			
15	Grays Harbor, Wash.	do.			
16	Gulf Quarantine, Ship Island, Miss.	do.	Am. sc. Asa T. Stowell	Apr. 21	Vera Cruz
			Br. bk. Katahdin	Apr. 23	Santos
17	Key West, Fla.	do.	Nor. bk. Carsten Boe	Apr. 25	Cape Town
18	Los Angeles, Cal.	do.			
19	Newbern, N. C.	Apr. 12			
20	Nome, Alaska				
21	Pascagoula, Miss.	Apr. 26			
22	Port Angeles, Wash.	Apr. 26			
23	Portland, Me.	do.			
24	Port Townsend, Wash.	do.			
25	Punta Gorda, Fla.	May 3			
26	Punta Rasa, Fla.	do.			
27	Reedy Island, Del.	Apr. 26			
28	St. Georges Sound, Fla.:				
	East Pass	Apr. 22			
29	West Pass	Apr. 26			
30	St. Johns River, Fla.	do.			
31	San Diego, Cal.	do.	U. S. S. Ranger	Apr. 26	La Paz
32	San Francisco, Cal.	do.	Am. ship Emily F. Whitney	Apr. 21	Honolulu
			Br. ss. Arab	Apr. 23	Hongkong
33	San Pedro, Cal.	do.			
34	Santa Rosa, Fla.	Apr. 29	Rus. bk. Istavat	Apr. 23	Cape Town
			It. ss. Regina Elena	Apr. 24	New York
			It. bk. Giuseppe D'Abundo	do.	Buenos Ayres
			Nor. bk. Agathe	Apr. 26	Swansea
			Rus. bk. Hera	do.	Port Natal
			Nor. bk. Paragon	do.	Newcastle
			It. bk. Sant Antonio de Padua	do.	Trinidad
			Nor. bk. Birma	Apr. 29	Cape Town
35	Savannah, Ga.	Apr. 26	Nor. bk. Cyprian (a)	Apr. 18	Port Natal
			Nor. bk. Truro	Apr. 20	Cape Town
36	South Atlantic Quarantine, Blackbeard Island, Ga.	do.			
37	Tampa Bay, Fla.	do.			
38	Washington, N. C.	do.			

a Previously reported.



## and inspection stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No transactions.....	
2				No report.....	
3				do.....	
4					1
5				No report.....	
6	Brunswick.....	Ballast discharged; hold and compartments fumigated.	Apr. 22		5
7					1
8					1
9				No report.....	
10					1
11	Fernandina.....	Held to discharge ballast			2
12					1
13				No report.....	
14				do.....	
15					1
16	Ship Island.....	Disinfected and held.	Apr. 26		4
	do.....	Disinfected for rats.	Apr. 24		
	do.....	do.....	Apr. 26		
17					13
18				No transactions.....	
19				do.....	
20				No report.....	
21					2
22				12 packages baggage disinfected; 4 Japanese vaccinated.	1
23					5
24				Glandular region of fore-castle crew and steerage passengers on Jap. ss. Iyo Maru and Br. ss. Braemar, from Hongkong, examined.	
25				No report.....	
26				do.....	
27					20
28					1
29				No report.....	
30					1
31	San Diego.....	Statement of medical officer accepted.	Apr. 26		3
32	San Francisco.....	Disinfected.	Apr. 23	Crew bathed and effects disinfected.	20
	do.....	Held in quarantine twenty hours.	Apr. 24	Held for complete diagnosis of death from dysentery after arrival at quarantine. Physical examination of fore-castle crew and steerage passengers on Br. ss. Doric from Hongkong.	
33				No transactions.....	
34	Pensacola.....	Ballast discharged; vessel disinfected.	Apr. 30		10
	do.....	Boarded and passed.	Apr. 24		
	do.....	Held to discharge ballast and fumigate.			
	do.....	Discharging ballast.			
	do.....	Preliminary fumigation; discharging ballast.			
	do.....	Discharging ballast.			
	do.....	do.....			
	do.....	Preliminary fumigation; discharging ballast.			
35	Savannah.....	Fumigated to kill rats.	Apr. 20		3
	do.....	do.....			
36				No transactions.....	
37					5
38				No transactions.....	

## Reports from national quarantine

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	<b>CUBA:</b>				
39	Baracoa.....	Apr. 12	.....	.....	.....
		Apr. 19	.....	.....	.....
40	Batabano.....	do.....	.....	.....	.....
		Apr. 26	.....	.....	.....
41	Caibarien.....	Apr. 19	.....	.....	.....
		Apr. 26	.....	.....	.....
42	Cardenas.....	Apr. 19	.....	.....	.....
		Apr. 26	.....	.....	.....
43	Casilda.....	do.....	.....	.....	.....
44	Cienfuegos.....	do.....	.....	.....	.....
45	Dalquiri.....	Apr. 12	.....	.....	.....
46	Gibara.....	Apr. 19	.....	.....	.....
47	Guantanamo.....	Apr. 12	.....	.....	.....
48	Havana.....	Apr. 19	Am. ss. Excelsior.....	Apr. 14	New Orleans.....
		Apr. 26	Sp. bk. J. R.....	Mar. 16	Montevideo.....
			Am. ss. Chalmette.....	Apr. 22	New Orleans.....
			Sc. Emma L. Cottingham	Apr. 16	Mobile.....
49	Isabela de Sagua.....	Apr. 19	.....	.....	.....
		Apr. 26	.....	.....	.....
50	Manzanillo.....	Apr. 12	.....	.....	.....
51	Matanzas.....	Apr. 26	.....	.....	.....
52	Nuevitas.....	Apr. 19	.....	.....	.....
		Apr. 26	.....	.....	.....
53	Puerto Padre.....	Apr. 19	.....	.....	.....
54	Santa Cruz del Sur.....	do.....	.....	.....	.....
55	Santiago de Cuba.....	Apr. 12	.....	.....	.....
	<b>HAWAII:</b>				
56	Hilo.....	do.....	.....	.....	.....
57	Honolulu.....	Apr. 19	.....	.....	.....
58	Kahului.....	do.....	.....	.....	.....
59	Kihel, Maui.....	do.....	.....	.....	.....
60	Koloa, Kauai.....	do.....	.....	.....	.....
61	Lahaina.....	do.....	.....	.....	.....
	<b>PHILIPPINES:</b>				
62	Cebu.....	Mar. 8	.....	.....	.....
		Mar. 15	.....	.....	.....
		Mar. 22	.....	.....	.....
63	Iloilo.....	Mar. 15	.....	.....	.....
64	Manila.....	Mar. 8	Br. ss. Yuensang.....	Mar. 3	Hongkong.....
			.....	.....	.....
			Am. ss. Tarlac.....	Mar. 7	Baler.....
			.....	.....	.....
			Br. ss. Tai Yuan.....	Mar. 8	Hongkong.....

## and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
39					4
40					5
41					12
42				12 vessels passed without inspection.	2
				15 vessels passed without inspection.	3
43					12
44				4 vessels passed without inspection.	8
45					2
46					14
47				3 vessels passed without inspection.	3
48	New Orleans.....	Disinfected.....	Apr. 19		31
	do.....	do.....	Apr. 23		26
	do.....	do.....	Apr. 26		
	Mobile.....	Being disinfected.....		12 vessels passed without inspection.	1
49				11 vessels passed without inspection.	1
50				6 vessels passed without inspection.	5
51				3 vessels passed without inspection.	9
52				5 vessels passed without inspection.	4
				4 vessels passed without inspection.	1
53					9
54					5
55				5 vessels passed without inspection.	12
56				No report.....	
57				do.....	
58				do.....	
59				do.....	
60				do.....	
61				do.....	
62					16
					18
				2 baskets of fruit on Br. ss. Kaifong, from Hong-kong, refused landing; not certified.	15
63					7
64	Manila.....	Held for disinfection steerage passengers.	Mar. 3	437 steerage passengers and 64 crew bathed and effects disinfected; fore-castle and steerage compartments mechanically cleaned and disinfected; 215 pieces large baggage disinfected.	60
	do.....	Held for disinfection.....	Mar. 8	6 lepers removed to leper hospital; compartments occupied by lepers disinfected; crew and 1 contact bathed and clothing disinfected.	
	Manila.....	Held in quarantine for disinfection of steerage passengers.	Mar. 8	68 crew and 22 steerage passengers bathed and effects disinfected; ship mechanically cleaned and disinfected; 143 pieces large baggage disinfected; 1 case measles and 1 malarial fever. 49 cases measles on U. S. army transport Thomas at sea; 6 on arrival.	

*Reports from national quarantine*

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
	PHILIPPINES—Continued.				
	Manila .....	Mar. 15	.....		
	PORTO RICO:				
65	Ponce.....	Apr. 19	Fr. ss. St. Domingue.....	Apr. 17	Port au Prince....
			Sp. ss. Montevideo.....	.....do.....	Havana .....
			Prov. flag ss. Julia .....	Apr. 18	.....do .....
66	San Juan.....	.....do.....	Am. ss. Mae .....	Apr. 13	Ponce .....
			Fr. ss. St. Simon.....	Apr. 17	St. Marc.....
			Ger. ss. Montevideo.....	Apr. 18	Havana .....
			Prov. flag ss. Julia.....	Apr. 19	.....do .....
	Subports—				
67	Aguadilla .....	.....do.....	.....		
68	Arecibo.....	.....do.....	.....		
69	Arroyo.....	.....do.....	.....		
70	Fajardo.....	.....do.....	.....		
71	Humacao.....	.....do.....	.....		
72	Mayaguez.....	.....do.....	Fr. ss. St. Domingue.....	Apr. 16	Port au Prince....
			Prov. flag ss. Julia.....	Apr. 18	Havana .....

## and inspection stations—Continued.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
.....	.....	.....	.....	8 cases measles on U. S. army transport Grant.	83
65	Fort de France.....	Held in quarantine.....	Apr. 17	Disinfected 30 pieces of baggage; 2 sacks of mail.	8
.....	Genoa.....	.....do.....	.....do.....	.....	.....
.....	San Juan.....	.....do.....	Apr. 18	Disinfected 84 pieces of baggage; 2 sacks of mail.	.....
66	New York.....	.....do.....	Apr. 14	Vessel disinfected.....	.....
.....	Havre.....	.....do.....	Apr. 18	Mail and local baggage disinfected.	.....
.....	Las Palmas.....	.....do.....	Apr. 19	.....do.....	.....
.....	San Juan.....	.....do.....	.....do.....	.....do.....	.....
67	.....	.....	.....	.....	1
68	.....	.....	.....	No transactions.....	.....
69	.....	.....	.....	.....do.....	.....
70	.....	.....	.....	.....	1
71	.....	.....	.....	.....	1
72	Ponce.....	Held in quarantine.....	Apr. 16	Local baggage and mail disinfected.	2
.....	San Juan.....	.....do.....	Apr. 18	Local baggage disinfected.	.....

## Reports from State and

Number.	Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
1	Baltimore, Md.....	May 3	.....	.....	.....
2	Bangor, Me.....	do.....	.....	.....	.....
3	Boston, Mass.....	do.....	.....	.....	.....
4	Charleston, S. C.....	Apr. 25	.....	.....	.....
5	Elizabeth River, Va.....	May 3	.....	.....	.....
6	Galveston, Tex.....	Apr. 25	Br. ss. Berriz.....	Apr. 24	Vera Cruz.....
			Br. ss. Yucatan.....	Apr. 26	Havana.....
7	Gardiner, Oreg.....	do.....	.....	.....	.....
8	Marcus Hook, Pa.....	May 3	Br. bk. Lowwood.....	Apr. 15	Buenos Ayres.....
9	Mobile Bay, Ala.....	Apr. 19	Nor. ss. Kitty.....	Apr. 16	Port Limon.....
			Br. sc. Leonard Parker.....	Apr. 17	Havana.....
			Rus. bktn. Betty.....	do.....	Pernambuco.....
			Br. ss. Aldborough.....	Apr. 19	Macelo, Brazil, via Philadelphia
			Nor. ss. Duncan.....	Apr. 18	Bocas del Toro.....
		Apr. 25	Ger. ss. Holstein.....	do.....	Port Limon.....
			Dutch ss. Jeanne.....	Apr. 20	Santiago.....
			Br. sc. Elva.....	Apr. 21	Bocas del Toro.....
			Sc. John S. Davis.....	Apr. 23	Vera Cruz.....
			Nor. ss. Taunton.....	do.....	Port Limon.....
			Br. sc. Arona.....	Apr. 25	Cienfuegos.....
			Rus. bk. St. Julien.....	do.....	Durban.....
			Sc. Break of Day.....	Apr. 26	Cardenas.....
10	New Bedford, Mass.....	May 3	Am. sc. Rite Cué (a).....	Apr. 9	Frontera.....
11	New Orleans, La.....	Apr. 19	It. ss. Il Piemonte (a).....	do.....	Tampico.....
			Am. ss. Chalmette.....	Apr. 13	Havana.....
			Am. ss. Foxhall.....	Apr. 14	Puerto Cortez, etc.
			Nor. ss. Condor.....	do.....	Bluefields.....
			Br. ss. Dictator.....	do.....	Belize and Mex- ican ports.
			Sp. ss. Pio IX.....	do.....	Mexican ports.....
			Dan. ss. Venus.....	do.....	Port Limon.....
			Br. ss. Olympia.....	Apr. 15	do.....
			Am. sc. Millie Williams.....	do.....	Chiltepec, Mexico
			Br. ss. Indian.....	Apr. 16	Port Elizabeth.....
			Nor. ss. Hugin.....	do.....	Mexican ports.....
			Nor. ss. Harald.....	Apr. 18	Bocas del Toro.....
			Dutch ss. Barendrecht.....	do.....	Tampa.....
			Ger. ss. Roland.....	do.....	Buenos Ayres.....
			Port. bk. Santa Barbara.....	Apr. 19	Barbados.....
12	Newport News, Va.....	May 3	.....	.....	.....
13	Newport, R. I.....	do.....	.....	.....	.....
14	New York, N. Y.....	do.....	.....	.....	.....
15	Pasos Cavallo, Tex.....	do.....	.....	.....	.....
16	Port Royal, S. C.....	do.....	.....	.....	.....
17	Providence, R. I.....	do.....	.....	.....	.....
18	Quintana, Tex.....	do.....	.....	.....	.....
19	Sabine Pass, Tex.....	do.....	.....	.....	.....
20	St. Helena Entrance, S. C.....	do.....	.....	.....	.....

a Previously reported.



## municipal quarantine stations.

Number.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
1				No report.	
2				do	
3				do	
4					
5				No report.	
6	Galveston	Fumigated and held		To be discharged May 1.	4
7	do	do		To be discharged April 29.	4
8				No report.	
9	Mobile.	Disinfected and held.	Apr. 21	No report.	23
	do	Living quarters disinfected.	Apr. 16		
	do	Disinfected and held.	Apr. 23		
	do	Held to complete time of detention.	Apr. 21	Disinfected at Ship Island.	
	do	Disinfected	Apr. 19		
	do	do	Apr. 18		
	do	Disinfected living quarters	Apr. 18		
	do	Disinfected and held.	Apr. 25		10
	do	do	Apr. 26		
	do	do	Apr. 28		
	do	Living quarters disinfected	Apr. 23		
	do	Disinfected and held			
	do	Disinfected.	Apr. 30		
	do	Disinfected and held.			
10				No report	
11	New Orleans.	Disinfected and held.	Apr. 14		
	do	do	Apr. 15		
	do	Disinfected	Apr. 13		
	do	do	Apr. 14		
	do	do	do		
	do	Disinfected and held.	Apr. 18		
	do	do	do		
	do	Disinfected	Apr. 14		
	do	do	Apr. 15		
	do	Disinfected and held.	Apr. 19		
	do	Disinfected and held.	Apr. 16		
	do	Disinfected	Apr. 18		
	do	do	do		
	do	Disinfected and ballast discharged.	do		
	do	Disinfected and held.			
12				No report	
13				do	
14				do	
15				do	
16				do	
17				do	
18				do	
19				do	
20				do	

**Smallpox in the United States as reported to the Surgeon-General United States  
Marine-Hospital Service, December 28, 1901, to May 9, 1902.**

(For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for  
December 27, 1901.)

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Alabama:</b>				
Birmingham .....	Dec. 1-Mar. 31	29		
Mobile .....	Apr. 8.....	2		
Total for State .....		31		
Total for State, same period, 1901.		45	3	
<b>Alaska:</b>				
Hooniah.....	Dec. 8-Dec. 31	8		
<b>Arizona:</b>				
Naco.....	Feb. 23.....	12		
Yuma.....	Jan. 1.....	100		Estimated.
Total for Territory.....		112		
<b>Arkansas:</b>				
Mississippi County .....	Feb. 18.....		100	
Pulaski County (including Little Rock) .....	Jan. 12-Jan. 22	50	1	
Total for State .....		50	101	
<b>California:</b>				
Humboldt County .....	Feb. 2.....	30		
Los Angeles .....	Dec. 29-Apr. 26	76		
Oakland .....	Jan. 1-Mar. 31	17		
Sacramento .....	Feb. 2-Mar. 15	7		
San Diego .....	Jan. 29-Apr. 1	7		
San Francisco .....	Dec. 16-Apr. 27	154		One case on ss. Spokane.
Stockton .....	Jan. 1-Jan. 13	24		
Total for State .....		315		
Total for State, same period, 1901.		71		
<b>Colorado:</b>				
Arapahoe County (Denver)....	Dec. 1-Apr. 19	67		
Archuleta County.....	Dec. 1-Mar. 31	24		
Baca County .....	Mar. 1-Mar. 31	1		
Bent County .....	Feb. 1-Mar. 31	11		
Boulder County.....	do .....	13		
Chaffee County.....	Dec. 1-Feb. 28	1		
Clear Creek County.....	do .....	4		
Delta County.....	Dec. 1-Mar. 31	66		
El Paso County.....	do .....	65		
Fremont County.....	do .....	6		
Gilpin County.....	do .....	51		
Grand County.....	Feb. 1-Mar. 31	19		
Gunnison County.....	Dec. 1-Jan. 31	14		
Hinsdale County.....	do .....	35		
Huerfano County.....	do .....	3		
Jefferson County.....	do .....	10		
La Plata County.....	Dec. 1-Mar. 31	7		
Larimer County.....	Mar. 1-Mar. 31	43		
Las Animas County.....	Dec. 1-Mar. 31	23		
Logan County .....	do .....	4		
Mesa County .....	do .....	77		
Mineral County.....	Dec. 1-Jan. 31	1		
Montrose County.....	Dec. 1-Mar. 31	31		
Morgan County.....	do .....	2		
Otero County.....	do .....	38		
Ouray County.....	Mar. 1-Mar. 31	10		
Phillips County.....	do .....	1		
Pitkin County.....	Dec. 1-Mar. 31	3		
Prowers County.....	Feb. 1-Feb. 28	2		
Pueblo County.....	Dec. 1-Mar. 31	18		
Rio Blanco County.....	Feb. 1-Feb. 28	11		
Rio Grande County.....	Dec. 1-Mar. 31	14		
San Juan County.....	Feb. 1-Mar. 31	3		
San Miguel County.....	Dec. 1-Mar. 31	24		
Teller County.....	do .....	12		
Washington County.....	Mar. 1-Mar. 31	8		
Weld County.....	Feb. 1-Mar. 31	64		
Total for State.....		794		
Total for State, same period, 1901.		1,763		



*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>District of Columbia:</b>				
Washington.....	Jan. 12-Apr. 19	8	.....	
Total for District, same period, 1901.		51	.....	
<b>Florida:</b>				
Escambia County.....	Mar. 4.....	1	.....	
Jacksonville.....	Mar. 9-Apr. 19	22	.....	One on sc. M. S. Patten.
Key West.....	Feb. 5.....	1	.....	
Total for State.....		24	.....	
Total for State, same period, 1901.		134	1	
<b>Georgia:</b>				
Augusta.....	Mar. 1-Mar. 31		1	
South Atlantic Quarantine....	Mar. 12.....	1	.....	On sc. L. C. Anderson.
Total for State.....		1	1	
Total for State, same period, 1901.		27	.....	
<b>Illinois:</b>				
Belleville.....	Jan. 12-Apr. 26	30	.....	
Cairo.....	Mar. 30-Apr. 12	9	.....	
Chicago.....	Jan. 5-May 3	131	1	
Danville.....	Jan. 19-Apr. 5	22	.....	
Freeport.....	Jan. 5-Apr. 26	8	.....	
Galesburg.....	Jan. 12-Apr. 26	15	.....	
Joliet.....	Mar. 2-Mar. 22	9	.....	
Peoria.....	Dec. 1-Feb. 28	67	.....	
Springfield.....	Dec. 1-Jan. 31	314	.....	
Total for State.....		605	1	
Total for State, same period, 1901.		356	3	
<b>Indiana:</b>				
Adams County.....	Jan. 1-Feb. 28	65	.....	
Allen County.....	Feb. 1-Feb. 28	5	.....	
Cass County.....	do.....	5	1	
Clark County.....	do.....	13	.....	
Clay County.....	do.....	3	.....	
Daviess County.....	Jan. 1-Jan. 31	15	.....	
Dearborn County.....	do.....	11	.....	
Decatur County.....	do.....	2	.....	
Dekalb County.....	do.....	1	.....	
Delaware County (Muncie) ..	Jan. 1-Mar. 31	8	1	
Dubois County.....	Feb. 1-Feb. 28	17	.....	
Elkhart County (Elkhart).....	Feb. 2-Mar. 15	37	.....	
Floyd County.....	Jan. 1-Jan. 31	9	.....	
Fountain County.....	Jan. 1-Feb. 28	52	.....	
Gibson County.....	do.....	31	.....	
Grant County.....	do.....	16	.....	
Greene County.....	do.....	26	.....	
Hancock County.....	Feb. 1-Feb. 28	15	.....	
Howard County.....	Jan. 31-Feb. 28	11	1	
Huntington County.....	Feb. 1-Feb. 28	17	.....	
Jackson County.....	do.....	2	.....	
Jay County.....	do.....	5	.....	
Jefferson County.....	Jan. 1-Jan. 31	17	1	
Knox County.....	Jan. 1-Feb. 28	66	1	
Lagrange County.....	Feb. 1-Feb. 28	2	.....	
Laporte County (Michigan City).	Feb. 17-Mar. 17	2	.....	
Marion County (Indianapolis)	Jan. 1-Apr. 26	199	1	
Marshall County.....	Jan. 1-Jan. 31	7	.....	
Martin County.....	Feb. 1-Feb. 28	6	.....	
Monroe County.....	Jan. 1-Jan. 31	8	.....	
Montgomery County (Crawfordsville).	Jan. 1-Mar. 8	60	.....	
Morgan County.....	Jan. 1-Feb. 28	30	.....	
Noble County.....	Feb. 1-Feb. 28	24	.....	
Owen County.....	Jan. 1-Feb. 28	20	.....	
Perry County.....	do.....	37	1	
Pike County.....	Jan. 1-Jan. 31	7	.....	
Porter County.....	Feb. 1-Feb. 28	1	.....	
Pulaski County.....	do.....	8	1	
Shelby County.....	Jan. 1-Feb. 28	15	1	
Spencer County.....	do.....	100	.....	
Union County.....	do.....	3	.....	
Vanderburg County (Evansville).	Dec. 15-Apr. 26	97	.....	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Indiana—Continued.</b>				
Vigo County (Terre Haute)....	Jan. 1-Apr. 26	24	.....	
Wabash County.....	Jan. 1-Feb. 28	12	.....	
Warrick County.....	do	78	1	
Wayne County.....	do	48	.....	
Wells County.....	do	14	.....	
Total for State.....		1,251	10	
Total for State, same period, 1901.		568	4	
<b>Indian Territory:</b>				
Duncan.....	Feb. 4.....	6	.....	
Total for Territory, same period, 1901.		216	.....	
<b>Iowa:</b>				
Adair County.....	Jan. 1-Jan. 31	.....	.....	Present.
Allamakee County.....	do	.....	.....	Do.
Benton County.....	do	.....	.....	Do.
Boone County.....	do	.....	.....	Do.
Buena Vista County.....	do	.....	.....	Do.
Cherokee County.....	do	.....	.....	Do.
Chickasaw County.....	Nov. 1-Jan. 31	.....	.....	Do.
Clayton County.....	Nov. 1-Feb. 15	.....	.....	Do.
Clinton County (Clinton).....	Nov. 1-Mar. 22	19	.....	
Crawford County.....	Nov. 1-Feb. 15	.....	.....	Do.
Dallas County.....	do	.....	.....	Do.
Davis County.....	do	.....	.....	Do.
Delaware County.....	do	.....	.....	Do.
Des Moines County.....	do	.....	.....	Do.
Dubuque County.....	do	.....	.....	Do.
Floyd County.....	do	.....	.....	Do.
Fremont County.....	do	.....	.....	Do.
Hardin County.....	Jan. 1-Jan. 31	.....	.....	Do.
Henry County.....	do	.....	.....	Do.
Ida County.....	Nov. 1-Jan. 31	.....	.....	Do.
Iowa County.....	do	.....	.....	Do.
Jasper County.....	Jan. 1-Jan. 31	.....	.....	Do.
Linn County.....	do	.....	.....	Do.
Louisa County.....	Nov. 1-Jan. 31	.....	.....	Do.
Lucas County.....	Jan. 1-Jan. 31	.....	.....	Do.
Lyon County.....	Nov. 1-Jan. 31	.....	.....	Do.
Mahaska County.....	Jan. 1-Jan. 31	.....	.....	Do.
Monroe County.....	do	.....	.....	Do.
Montgomery County.....	do	.....	.....	Do.
O'Brien County.....	Nov. 1-Jan. 31	.....	.....	Do.
Osceola County.....	Jan. 1-Jan. 31	.....	.....	Do.
Plymouth County.....	do	.....	.....	Do.
Pocahontas County.....	do	.....	.....	Do.
Polk County.....	Nov. 1-Jan. 31	.....	.....	Do.
Poweshiek County.....	Jan. 1-Jan. 31	.....	.....	Do.
Sac County.....	Nov. 1-Jan. 31	.....	.....	Do.
Scott County (Davenport).....	Dec. 1-Mar. 31	69	.....	
Sioux County.....	Jan. 1-Jan. 31	.....	.....	Do.
Taylor County.....	do	.....	.....	Do.
Wapello County (Ottumwa).....	Dec. 1-Apr. 20	166	.....	
Warren County.....	Nov. 1-Jan. 31	.....	.....	Do.
Washington County.....	Jan. 1-Jan. 31	.....	.....	Do.
Woodbury County.....	do	.....	.....	Do.
Worth County.....	do	.....	.....	Do.
Total for State.....		254	.....	
Total for State, same period, 1901.		31	.....	
<b>Kansas:</b>				
Allen County.....	Dec. 1-Mar. 31	40	.....	
Anderson County.....	do	22	.....	
Atchison County.....	Mar. 1-Mar. 31	19	.....	
Brown County.....	Dec. 1-Mar. 31	4	.....	
Chautauque County.....	Dec. 1-Feb. 28	72	.....	
Cherokee County.....	Dec. 1-Mar. 31	28	.....	
Clay County.....	Dec. 1-Feb. 28	5	.....	
Cloud County.....	Dec. 1-Mar. 31	108	.....	
Cowley County.....	do	13	.....	
Crawford County (Girard).....	do	193	.....	
Decatur County.....	Dec. 1-Feb. 28	40	.....	
Dickinson County.....	Feb. 1-Mar. 31	20	.....	
Ellsworth County.....	Feb. 1-Feb. 28	6	.....	
Greenwood County.....	Dec. 1-Mar. 31	20	.....	
Hamilton County.....	Feb. 1-Feb. 28	71	.....	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Kansas—Continued.</b>				
Harper County.....	Feb. 1-Mar. 13	5		
Jackson County.....	Feb. 1-Feb. 28	7		
Jefferson County.....	Dec. 1-Mar. 31	10		
Jewell County.....	Dec. 1-Feb. 28	8		
Kingman County.....	do.....	2		
Labette County.....	do.....	2		
Leavenworth County.....	do.....	1		
Lincoln County.....	do.....	7		
McPherson County.....	Feb. 1-Mar. 31	43		
Marion County.....	Dec. 1-Feb. 28	9		
Marshall County.....	do.....	82		
Miami County.....	Feb. 1-Mar. 31	2		
Mitchell County (Beloit).....	Dec. 1-Mar. 31	82		
Montgomery County (Coffeyville).....	Dec. 1-Feb. 28	22		
Morris County.....	Feb. 1-Mar. 31			Number not known.
Nemaha County.....	Dec. 1-Mar. 31	4		
Norton County.....	Mar. 1-Mar. 31	2		
Osborne County.....	Feb. 1-Mar. 31	2		
Ottawa County.....	Dec. 1-Mar. 31	35		
Phillips County.....	do.....	39	1	
Pratt County.....	Mar. 1-Mar. 31	10		
Rawlins County.....	Feb. 1-Mar. 31	8		
Reno County.....	Dec. 1-Mar. 31	2		
Russell County.....	Mar. 1-Mar. 31	1		
Saline County (Salina).....	Dec. 1-Mar. 31	72		
Sedgwick County (Wichita).....	Dec. 1-Apr. 26	51		
Shawnee County.....	Dec. 1-Mar. 31	110		
Smith County.....	do.....	19		
Stafford County.....	do.....	41	1	
Sumner County.....	do.....	98		
Thomas County.....	Feb. 1-Mar. 31	2		
Washington County.....	Dec. 1-Mar. 31	156		
Total for State.....		1,595	2	
Total for State, same period, 1901.....		3,967	20	
<b>Kentucky:</b>				
Covington.....	Jan. 37-Apr. 27	118		
Lexington.....	Dec. 22-Apr. 26	20	2	
Louisville.....	Jan. 1-Apr. 28	85	1	
Total for State.....		223	3	
Total for State, same period, 1901.....		61	1	
<b>Louisiana:</b>				
Caddo County (including Shreveport).....	Jan. 1-Mar. 29	216		
Catahoula County.....	Feb. 1-Mar. 1	1		
Natchitoches County.....	do.....	19	1	
Orleans County (including New Orleans).....	Dec. 15-Mar. 29	20	4	9 cases imported.
Sabine County.....	Feb. 1-Mar. 1	6		
St. James County.....	Mar. 1-Mar. 29	1		
Union County.....	Feb. 1-Mar. 1	1		
Total for State.....		264	5	
Total for State, same period, 1901.....		226	47	
<b>Maine:</b>				
Durham.....	Feb. 15-Mar. 22	13		
Freeport.....	Feb. 19-Mar. 22	1		
Hollis.....	Mar. 7-Mar. 22	1		
Portland.....	Dec. 22-Apr. 19	37	5	
Saco.....	Mar. 7-Mar. 22	6		
Sanford.....	Mar. 15-Mar. 19	1		
Scarboro.....	Mar. 7-Mar. 22	1		
South Portland.....	do.....	4		
Washington Mills.....	To Mar. 22	1		
Westbrook.....	do.....	1		
Total for State.....		66	5	
Total for State, same period, 1901.....		1		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Maryland:</b>				
Baltimore.....	Feb. 2-May 3	20	3	
Cumberland.....	Mar. 1-Mar. 31	7		
Total for State.....		27	3	
Total for State, same period, 1901.		31		
<b>Massachusetts:</b>				
Blackstone.....	Jan. 2-Jan 8	2		
Boston.....	Dec. 22-May 3	565	93	
Brookton.....	Dec. 29-Apr. 26	11		
Brookline.....	Jan. 12-May 3	4	1	
Cambridge.....	Dec. 15-Apr. 26	57	7	
Chelsea.....	Dec. 29-Apr. 19	2		
Chicopee.....	Jan. 19-Mar. 15	3		
Clinton.....	Jan. 5-Jan. 11	3		
Everett.....	Jan. 26-Apr. 26	18	1	
Fall River.....	Dec. 22-Apr. 26	4		
Fitchburg.....	Mar. 16-Apr. 26	4		
Haverhill.....	Feb. 23-Mar. 15	2		
Holyoke.....	Jan. 12-Apr. 5	47		
Lawrence.....	Mar. 2-Apr. 12	8	2	
Lowell.....	Dec. 29-Apr. 12	13		
Malden.....	Dec. 15-Apr. 26	13	1	
Marlboro.....	Jan. 5-Jan. 11	1		
Medford.....	Dec. 22-Apr. 26	7		
Melrose.....	Mar. 5-Apr. 5	2	1	
New Bedford.....	Jan. 17-Apr. 26	28		
Newburyport.....	Jan. 26-Mar. 22	9	1	
Newton.....	Dec. 29-Apr. 26	8		
North Adams.....	Feb. 23-Mar. 1	1		
Quincy.....	Dec. 22-Apr. 12	11	4	
Somerville.....	Dec. 29-Apr. 26	25	2	
Taunton.....	Feb. 9-Mar. 29	4		
Waltham.....	Jan. 26-Mar. 1	3	1	
Weymouth.....	Jan. 5-Mar. 1	5	1	
Woburn.....	Dec. 15-Feb. 1	2	1	
Total for State.....		861	116	
Total for State, same period, 1901.		19	2	
<b>Michigan:</b>				
Alcona County.....	Mar. 15-Mar. 22			Present.
Alger County.....	Mar. 22-Apr. 5			Do.
Allegan County.....	Feb. 15-Apr. 5			Do.
Alpena County.....	Feb. 22-Apr. 26			Do.
Antrim County.....	Feb. 15-Apr. 5			Do.
Arenac County.....	do			Do.
Barry County.....	Feb. 15-Mar. 1			Do.
Bay County (Bay City).....	Jan. 25-Apr. 26	15		
Benzie County.....	Feb. 22-Mar. 1			Do.
Berrien County.....	Feb. 22-Apr. 5			Do.
Branch County.....	Feb. 15-Apr. 5			Do.
Calhoun County.....	Apr. 19-Apr. 26			Do.
Cass County.....	Feb. 15-Apr. 26			Do.
Charlevoix County.....	Feb. 15-Apr. 5			Do.
Cheboygan County.....	Feb. 15-Apr. 26			Do.
Chippewa County (Sault Ste. Marie).....	Mar. 15-Apr. 26	1		
Clare County.....	Feb. 15-Apr. 5			Do.
Clinton County.....	do			Do.
Crawford County.....	Feb. 15-Apr. 26			Do.
Delta County.....	do			Do.
Dickinson County.....	do			Do.
Eaton County.....	Mar. 25-Apr. 26			Do.
Emmet County.....	Feb. 15-Apr. 26			Do.
Genesee County.....	do			Do.
Gladwin County.....	do			Do.
Gogebie County.....	do			Do.
Grand Traverse County.....	do			Do.
Gratiot County.....	do		1	
Houghton County.....	do			Do.
Huron County.....	Mar. 15-Apr. 26			Do.
Ingham County.....	Feb. 15-Apr. 26			Do.
Ionia County.....	Feb. 15-Apr. 26			Do.
Iosco County.....	Mar. 22-Apr. 26			Do.
Iron County.....	Feb. 15-Apr. 5			Do.
Isabella County.....	do			Do.
Kalamazoo County.....	Feb. 22-Mar. 29			Do.
Kalkaska County.....	Feb. 15-Apr. 26			Do.
Kent County (Grand Rapids).....	Dec. 15-Apr. 26	17	1	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Michigan—Continued.</b>				
Lake County.....	Feb. 22-Apr. 26	.....	.....	Present.
Lapeer County.....	Feb. 22-Mar. 29	.....	.....	Do.
Leelanaw County.....	Feb. 15-Feb. 22	.....	.....	Do.
Lenawee County.....	Mar. 29-Apr. 26	.....	.....	Do.
Livingston County.....	Mar. 15-Apr. 26	.....	.....	Do.
Mackinac County.....	Feb. 15-Apr. 26	.....	.....	Do.
Macomb County.....	.....do.....	.....	.....	Do.
Manistee County.....	.....do.....	.....	.....	Do.
Marquette County.....	.....do.....	.....	.....	Do.
Mason County (Ludington)...	Jan. 27-Apr. 26	102	.....	.....
Mecosta County.....	Feb. 15-Apr. 26	.....	.....	Do.
Menominee County.....	Feb. 22-Apr. 26	.....	.....	Do.
Midland County.....	.....do.....	.....	.....	Do.
Missaukee County.....	.....do.....	.....	.....	Do.
Montcalm County.....	.....do.....	.....	.....	Do.
Montmorency County.....	.....do.....	.....	.....	Do.
Muskegon County.....	.....do.....	.....	.....	Do.
Newaygo County.....	.....do.....	.....	.....	Do.
Oakland County.....	Feb. 15-Feb. 22	.....	.....	Do.
Oceana County.....	Feb. 15-Apr. 5	.....	.....	Do.
Ogemaw County.....	Feb. 15-Mar. 1	.....	.....	Do.
Ontonagon County.....	Apr. 19-Apr. 26	.....	.....	Do.
Osceola County.....	Feb. 15-Apr. 26	.....	1	Do.
Osego County.....	.....do.....	.....	.....	Do.
Ottawa County.....	.....do.....	.....	.....	Do.
Presque Isle County.....	Feb. 15-Apr. 5	.....	1	Do.
Saginaw County.....	Feb. 15-Apr. 26	.....	.....	Do.
St. Clair County.....	Feb. 22-Apr. 26	.....	.....	Do.
St. Joseph County (Three Rivers).....	Mar. 22-Apr. 5	.....	.....	Do.
Sanilac County.....	Feb. 22-Apr. 26	.....	.....	Do.
Schoolcraft.....	Apr. 19-Apr. 26	.....	.....	Do.
Shiawassee County.....	Feb. 22-Apr. 26	.....	.....	Do.
Tuscola County.....	.....do.....	.....	.....	Do.
Van Buren County.....	.....do.....	.....	.....	Do.
Washtenaw County (Ann Arbor).....	Jan. 12-Mar. 19	3	.....	.....
Wayne County (Detroit).....	Jan. 5-Apr. 26	119	1	.....
Wexford County.....	Feb. 15-Apr. 26	.....	.....	Do.
Total for State.....	.....	257	5	Smallpox was reported present in 51 counties; at 110 places during the week ended Apr. 26, 1902.
Total for State, same period, 1901.....	.....	65	3	
<b>Minnesota:</b>				
Aitkin County.....	Dec. 3-Apr. 7	20	.....	.....
Anoka County.....	Dec. 3-Apr. 14	48	.....	.....
Becker County.....	.....do.....	76	.....	.....
Beltrami County.....	Dec. 3-Apr. 21	243	1	.....
Benton County.....	Dec. 3-Apr. 14	9	.....	.....
Big Stone County.....	.....do.....	69	2	.....
Blue Earth County.....	Dec. 3-Apr. 21	110	.....	.....
Brown County.....	Jan. 27-Apr. 21	9	.....	.....
Carver County.....	Dec. 3-Apr. 21	377	3	.....
Cass County.....	.....do.....	65	.....	.....
Chippewa County.....	Dec. 3-Mar. 10	10	.....	.....
Chisago County.....	Dec. 3-Mar. 24	7	.....	.....
Clay County.....	Dec. 3-Apr. 14	244	.....	.....
Cottonwood County.....	.....do.....	36	.....	.....
Crow Wing County.....	Dec. 3-Apr. 21	115	2	.....
Dakota County.....	Dec. 3-Mar. 24	48	.....	.....
Dodge County.....	Dec. 3-Mar. 3	12	.....	.....
Douglas County.....	Jan. 27-Apr. 7	19	1	.....
Faribault County.....	Dec. 3-Apr. 21	95	.....	.....
Fillmore County.....	Jan. 20-Mar. 17	29	.....	.....
Freeborn County.....	Jan. 20-Apr. 14	11	.....	.....
Goodhue County.....	Dec. 3-Apr. 14	132	.....	.....
Grant County.....	Feb. 17-Apr. 14	3	.....	.....
Hennepin County (Minneapolis).....	Dec. 3-Apr. 21	376	1	.....
Houston County.....	.....do.....	90	1	.....
Hubbard County.....	.....do.....	171	.....	.....
Isanti County.....	Dec. 3-Apr. 7	23	1	.....
Itasca County.....	Dec. 3-Apr. 14	49	.....	.....
Jackson County.....	Dec. 3-Apr. 21	172	.....	.....
Kanabec County.....	Dec. 3-Apr. 7	107	.....	.....
Kandiyohi County.....	.....do.....	37	.....	.....
Kittson County.....	Dec. 3-Mar. 17	65	.....	.....
Lac qui Parle County.....	Dec. 3-Apr. 21	7	.....	.....
Lake County.....	Feb. 17-Apr. 14	6	.....	.....
Le Sueur County.....	Dec. 3-Apr. 21	18	.....	.....



## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Minnesota—Continued.</b>				
Lincoln County.....	Dec. 3-Apr. 7	149	1	
Lyon County.....	Dec. 3-Apr. 21	10		
McLeod County.....	Dec. 3-Feb. 24	11		
Marshall County.....	Dec. 3-Apr. 21	123		
Martin County.....	do	101		
Meeker County.....	do	45		
Millelacs County.....	Dec. 3-Apr. 7	94		
Morrison County.....	Dec. 3-Apr. 14	70		
Mower County.....	Dec. 3-Apr. 7	100	1	
Murray County.....	Dec. 3-Mar. 3	6		
Nicollet County.....	Jan. 27-Feb. 24	9		
Nobles County.....	Jan. 1-Apr. 21	42		
Norman County.....	Dec. 3-Apr. 21	99	2	
Olmsted County (Rochester)...	Dec. 3-Mar. 24	49		
Ottertail County.....	Dec. 3-Apr. 21	126	1	
Pine County.....	Dec. 3-Feb. 24	5		
Pipestone County.....	Dec. 3-Apr. 21	341	1	
Polk County.....	do	163		
Pope County.....	Dec. 3-Apr. 7	79	1	
Ramsey County (St. Paul).....	Dec. 3-Apr. 21	82		
Red Lake County.....	Dec. 3-Mar. 24	161	5	
Red Wood County.....	Dec. 3-Apr. 7	87	1	
Renville County.....	Dec. 3-Apr. 14	35		
Rice County.....	do	54		
Rock County.....	Dec. 3-Apr. 21	60		
Roseau County.....	Jan. 20-Apr. 21	13		
St. Louis County (Duluth).....	Dec. 3-Apr. 14	187	1	
Scott County.....	Dec. 3-Apr. 21	38		
Sherburne County.....	Dec. 3-Apr. 7	9	1	
Sibley County.....	do	10		
Stearns County.....	Dec. 3-Apr. 21	155		
Steele County.....	do	29		
Stevens County.....	Dec. 3-Apr. 14	14		
Swift County.....	Jan. 27-Mar. 24	11		
Todd County.....	Dec. 3-Apr. 14	98		
Traverse County.....	Dec. 3-Mar. 24	93		
Wabasha County.....	Dec. 3-Mar. 17	21		
Wadena County.....	Dec. 3-Apr. 7	34		
Waseca County.....	Jan. 27-Apr. 21	76		
Washington County.....	Dec. 3-Apr. 14	46		
Watsonwan County.....	Dec. 3-Apr. 21	10		
Wilkin County.....	Dec. 3-Mar. 10	8		
Winona County (Winona).....	Dec. 3-Apr. 26	41		
Wright County.....	do	61		
Yellow Medicine County.....	do	11		
Total for State.....		5,974	27	
Total for State, same period, 1901.		2,923	3	
<b>Missouri:</b>				
Carthage.....	Jan. 1-Feb. 28	47		
Hannibal.....	Jan. 12-Feb. 28	7		
St. Joseph.....	Mar. 1-Mar. 31	150		
St. Louis.....	Dec. 16-Apr. 27	1,388	13	
Total for State.....		1,592	13	
Total for State, same period, 1901.		242	2	
<b>Montana:</b>				
Butte.....	Jan. 13-Apr. 27	37	1	
Helena.....	Mar. 1-Mar. 31	1		
Total for State.....		38	1	
Total for State, same period, 1901.		218	2	
<b>Nebraska:</b>				
Adams County.....	Feb. 1-Mar. 20	22		
Antelope County.....	do	3		
Boone County.....	do	13		
Boyd County.....	do	5		
Buffalo County (including Kearney).....	do	19		
Burt County.....	do	6		
Butler County.....	do	27		
Cass County.....	do	12		
Cedar County (including Hartington).....	do	107		
Cheyenne County.....	do	2		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Nebraska—Continued.</b>				
Clay County .....	Feb. 1-Mar. 20	17		
Colfax County .....	do	4		
Cuming County .....	do	1		
Custer County .....	do	4		
Dakota County .....	do	16		
Dawes County .....	do	13		
Dawson County .....	do	1		
Dixon County .....	do	6		
Dodge County (including Fremont) .....	do	22		
Douglas County (including Omaha and South Omaha) .....	July 1-Apr. 26	1,289	6	
Fillmore County .....	Feb. 1-Mar. 20	1		
Furnas County .....	do	23		
Gage County (including Beatrice) .....	do	71		
Hall County .....	do	8		
Hamilton County .....	do	23		
Holt County (including O'Neill) .....	do	30		
Jefferson County .....	do	1		
Johnson County (including Tecumseh) .....	do	20		
Kearney County .....	do	10		
Keyapaha County (including Springview) .....	do	18		
Knox County .....	do	10		
Lancaster County (including Lincoln) .....	do	118		
Lincoln County .....	do	2		
Madison County .....	do	14		
Merrick County .....	do	1		
Nance County .....	do	1		
Nemaha County (including Auburn) .....	do	23		
Nuckolls County (including Hardy) .....	do	13		
Otoe County .....	do	3		
Pawnee County .....	do	1		
Phelps County .....	do	1		
Pierce County (including Plainview) .....	do	11		
Platte County .....	do	4		
Richardson County (including Falls City and Dawson) .....	do	28		
Sarpy County (including Bellevue) .....	do	26		
Saunders County (including Wahoo and Valparaiso) .....	do	35		
Seward County (including Tamora) .....	do	26		
Sheridan County .....	do	1		
Stanton County (including Stanton) .....	do	35		
Thayer County .....	do	3		
Thurston County .....	do	5		
Washington County .....	do	2		
Wayne County .....	do	10		
Webster County .....	do	1		
York County .....	do	1		
Total for State .....		2,169	6	
Total for State, same period, 1901 .....		661	4	
<b>New Hampshire:</b>				
Bartlett .....	Mar. 1-Apr. 1	2		
Berlin .....	do	11		
Epping .....	do	1		
Franklin .....	do	5		
Goffstown .....	do	1		
Grantham .....	do	1		
Nashua .....	Dec. 15-Apr. 1	15		
Total for State .....		36		
Total for State, same period, 1901 .....		339		
<b>New Jersey:</b>				
Camden County .....	Dec. 22-May 3	126	21	
Essex County (Newark included) .....	Dec. 15-May 3	564	100	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>New Jersey—Continued.</b>				
Hudson County (Jersey City included).	Dec. 23-Apr. 27	614	43	
Passaic County .....	Nov. 16-Mar. 15	10	3	
Union County (Plainfield included).	Jan. 12-Apr. 26	20	2	
Total for State.....		1,334	169	
Total for State, same period, 1901.		63	1	
<b>New York:</b>				
Binghamton.....	Dec. 22-Mar. 22	30	3	
Buffalo.....	June 25-Apr. 30	335	6	
Middletown.....	Feb. 1-Feb. 28	1		
Mount Vernon City.....	Jan. 12-Jan. 18	1	1	
New York.....	Dec. 15-Apr. 26	857	177	
Plattsburg.....	Dec. 1-Dec. 28	19		
Yonkers.....	Feb. 15-Apr. 25	7	1	
Total for State.....		1,250	188	
Total for State, same period, 1901.		723	124	
<b>North Carolina:</b>				
Beaufort County (Washing- ton).	Apr. 18.....	1		Imported.
Buncombe County.....	Nov. 1-Feb. 28	96		
Cabarrus County.....	.....do	123		
Carteret County (Morehead City).	Feb. 8-Feb. 28	1		On a vessel.
Cherokee County.....	Feb. 1-Feb. 28	2		
Cleveland County.....	Jan. 1-Feb. 28	2		
Cumberland County.....	Jan. 1-Jan. 31	1		
Durham County.....	Nov. 1-Feb. 28	42		
Durham County.....	.....do	7		
Edgecombe County.....	Nov. 1-Jan. 31	6		
Forsyth County.....	Nov. 1-Feb. 28	53		
Gaston County.....	.....do	21		
Greene County.....	.....do	17		
Henderson County.....	.....do	20		
Iredell County.....	.....do	8		
Lenoir County.....	Jan. 1-Feb. 28	7		
Lincoln County.....	Feb. 1-Feb. 28	3		
Madison County.....	Jan. 1-Jan. 31	7		
Martin County.....	Jan. 1-Feb. 28	10		
Mecklenburg County (Char- lotte).	Nov. 1-Mar. 31	178	2	
Nash County.....	Nov. 1-Feb. 28	22		
New Hanover County (Wil- mington).	Mar. 7.....	1		Imported.
Polk County.....	Nov. 1-Feb. 28	9		
Rockingham County.....	.....do	15		
Rowan County.....	.....do	2		
Rutherford County.....	.....do	3		
Sampson County.....	.....do	39		
Stanly County.....	Jan. 1-Feb. 28	22		
Stokes County.....	Feb. 1-Feb. 28	3		
Surry County.....	Jan. 1-Jan. 31	1		
Swain County.....	Nov. 1-Jan. 31	3		
Union County.....	.....do	3		
Wayne County.....	Nov. 1-Feb. 28	33		
Wilson County.....	.....do	313	1	
Total for State.....		1,074	3	
Total for State, same period, 1901.		834	3	
<b>North Dakota:</b>				
Barnes County.....	Dec. 4-Mar. 18	53	2	
Benson County.....	Mar. 8-Mar. 18	4		
Bottineau County.....	Dec. 21-Feb. 22	2	1	
Burleigh County.....	Mar. 8-Mar. 18	3		
Cass County.....	Dec. 31-Mar. 1	47		
Cavalier County.....	Jan. 1-Mar. 1	58		
Eddy County.....	Jan. 13-Feb. 22	1		
Foster County.....	Jan. 1-Feb. 22			
Grand Forks County.....	Dec. 31-Mar. 18	155	2	
Griggs County.....	Dec. 27-Mar. 18	19		
Kidder County.....	Dec. 23-Feb. 22	9		
Lamoure County.....	Dec. 2-Feb. 22	6		
McHenry County.....	Dec. 24-Feb. 22	36		
McLean County.....	Feb. 1-Feb. 22	1		Several cases.



## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>North Dakota—Continued.</b>				
Nelson County.....	Dec. 31-Mar. 1	60	.....	
Oliver County.....	Mar. 8-Mar. 18	4	.....	
Pembina County.....	Dec. 31-Mar. 18	10	.....	
Pierce County.....	Jan. 1-Mar. 18	34	.....	
Ramsey County.....	.....do.....	11	.....	
Richland County.....	Mar. 8-Mar. 18	9	.....	
Steele County.....	Dec. 30-Feb. 22	4	.....	
Stutsman County.....	Dec. 31-Mar. 18	15	.....	
Trall County.....	Jan. 1-Mar. 1	32	.....	
Walsh County.....	Dec. 31-Mar. 18	45	.....	
Ward County.....	July 1-Feb. 22	70	.....	
Wells County.....	Dec. 26-Mar. 1	27	1	
Williams County.....	Dec. 18-Jan. 13	2	.....	
Total for State.....		717	6	
Total for State, same period, 1901,		60	1	
<b>Ohio:</b>				
Ashland County—				
Lake Township.....	Aug. 1-Jan. 31	.....	.....	
Troy Township.....	.....do.....	2	.....	
Ashtabula County—				
Ashtabula.....	.....do.....	4	.....	
Saybrook Township.....	.....do.....	7	.....	
Auglaize County—				
Moulton Township.....	Aug. 1-Jan. 31	8	.....	
St. Marys.....	.....do.....	7	.....	
Belmont County—				
Barnesville.....	.....do.....	14	.....	
Bridgeport.....	.....do.....	3	.....	
St. Clairsville.....	.....do.....	3	.....	
Butler County—				
Hamilton.....	Jan. 28-Apr. 5	14	.....	
Middletown.....	Jan. 19-Feb. 15	4	.....	
Carroll County—				
Rose Township.....	Jan. 19-Jan. 31	3	1	
Champaign County—				
Urbana.....	.....do.....	2	.....	
Clark County—				
Springfield.....	.....do.....	1	.....	
Clermont County—				
Miami Township.....	Jan. 19-Jan. 31	.....	.....	
Coshocton County—				
White Eyes Township.....	.....do.....	.....	.....	
Crawford County—				
Auburn Township.....	.....do.....	.....	.....	
Crestline.....	.....do.....	.....	.....	
New Washington.....	.....do.....	.....	.....	
Cuyahoga County—				
Berea.....	.....do.....	.....	.....	
Cleveland.....	Dec. 28-May 1	27	1	
Glenville.....	Aug. 1-Jan. 31	.....	.....	
Middleburg Township.....	.....do.....	.....	.....	
Rocky River.....	.....do.....	.....	.....	
Darke County—				
Jackson Township.....	.....do.....	2	.....	
Union City.....	.....do.....	33	.....	
Defiance County—				
Hicksville.....	Jan. 1-Jan. 31	34	.....	
Mark Township.....	.....do.....	1	.....	
Milford Township.....	.....do.....	1	.....	
Delaware County—				
Delaware.....	Aug. 1-Jan. 31	4	.....	
Erie County—				
Sandusky.....	.....do.....	4	.....	
Fayette County—				
Union Township.....	Jan. 1-Jan. 31	1	.....	
Washington Court House.....	.....do.....	1	.....	
Franklin County—				
Clinton Township.....	Aug. 1-Jan. 31	1	.....	
Columbus.....	.....do.....	4	1	
Gallia County—				
Cheshire Township.....	.....do.....	2	.....	
Gallipolis.....	.....do.....	3	.....	
Harrison Township.....	.....do.....	.....	.....	
Greene County—				
Cedarville Township.....	.....do.....	1	.....	
Hamilton County—				
Cincinnati.....	Dec. 21-Apr. 25	277	2	
Lockland.....	Dec. 21-Feb. 24	1	.....	
Mill Creek Township.....	Aug. 1-Jan. 31	1	.....	

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
<b>Hamilton County—Continued.</b>				
Pleasant Ridge .....	Aug. 1-Jan. 31	1		
Symmes Township .....	do	1		
<b>Hancock County—</b>				
Allen Township .....	do	1		
Findlay .....	do	46	2	
<b>Hardin County—</b>				
Ada .....	do			
Kenton .....	do			
Liberty Township .....	do			
McDonald Township .....	do			
<b>Henry County—</b>				
Napoleon .....	do			
<b>Highland County—</b>				
Lynchburg .....	Jan. 1-Jan. 31	1		
<b>Hocking County—</b>				
Logan .....	do			
<b>Huron County—</b>				
Chicago Junction .....	do	3		
<b>Jackson County—</b>				
Jefferson Township .....	do	7		
Madison Township .....	do			
Oakhill .....	do			
Washington Township .....	do	1		
<b>Jefferson County—</b>				
Mingo Junction .....	Aug. 1-Jan. 31	7		
Steubenville .....	do	3		
<b>Knox County—</b>				
Wayne Township .....	do	11		
<b>Lake County—</b>				
Mentor .....	do			
<b>Lawrence County—</b>				
Ald Township .....	do	9		
Ironton .....	do	1		
<b>Licking County—</b>				
Eden Township .....	do	1		
Hanover Township .....	do	8		
Newark .....	do	55		
Newton Township .....	do	1		
Utica .....	do	1		
<b>Logan County—</b>				
Belle Center .....	do	2		
Richland Township .....	do	3		
West Mansfield .....	do	4		
<b>Lorain County—</b>				
Black River Township .....	do			
Lorain .....	do			
Russia Township .....	do	8		
<b>Lucas County—</b>				
Toledo .....	Jan. 5-Apr. 19	14		
<b>Madison County—</b>				
Monroe Township .....	Jan. 1-Jan. 31	1		
<b>Mahoning County—</b>				
Youngstown .....	Dec. 22-Apr. 26	54	12	
<b>Mercer County—</b>				
Butler Township .....	Aug. 1-Jan. 31	51		
Coldwater .....	do	42		
Recovery Township .....	do	16		
Washington Township .....	do	9		
<b>Monroe County—</b>				
Benton Township .....	do			
Bethel Township .....	do	6		
Franklin Township .....	do			
Graysville .....	do			
Perry Township .....	do			
Washington Township .....	do			
<b>Montgomery County—</b>				
Butler Township .....	do			
Dayton .....	Jan. 12-Apr. 26	10		
Germantown .....	Aug. 1-Jan. 31	2		
Washington Township .....	do			
<b>Morrow County—</b>				
Cardington .....	do	1		
<b>Muskingum County—</b>				
Brush Creek Township .....	do	1		
Zanesville .....	do	1		
<b>Perry County—</b>				
Hopewell Township .....	do	1		
New Lexington .....	do	4		
<b>Portage County—</b>				
Brimfield Township .....	do			

*Smallpox in the United States, etc.—Continued.*

Place.	Date.	Cases	Deaths.	Remarks.
<b>Ohio—Continued.</b>				
Preble County—				
Gratis Township.....	Jan. 1-Jan. 31	3		
Putnam County—				
Continental.....	Aug. 1-Jan. 31			
Perry Township.....	do			
Richland County—				
Madison Township.....	do	2		
Plymouth Township.....	do			
Ross County—				
Chillicothe.....	Mar. 23-Mar. 29	2		
Sandusky County—				
Clyde.....	Aug. 1-Jan. 31	2		
Fremont.....	do	3		
Gibsonburg.....	do	25		
Madison Township.....	do	1		
Riley Township.....	do	1		
Townsend Township.....	do	1		
York Township.....	do	1		
Scioto County—				
Portsmouth.....	do			
Seneca County—				
Big Spring Township.....	do	1		
Fostoria.....	do	2		
Loudon Township.....	do	4		
Tiffin.....	do			
Shelby County—				
Green Township.....	do			
Orange Township.....	do	1		
Perry Township.....	do			
Sidney.....	do	2		
Stark County—				
Canton.....	do	1		
Massillon.....	do	1		
Sandy Township.....	do	1		
Waynesburg.....	do	1		
Tuscarawas County—				
Fairfield Township.....	do			
Mineral City.....	do	8	2	
Uhrichsville.....	do	3		
Union County—				
Magnetic Springs.....	do	1		
Van Wert County—				
Liberty Township.....	do	1		
Van Wert.....	do	5	1	
Washington County—				
Barlow Township.....	do			
Belpre Township.....	do			
Liberty Township.....	do			
Marietta.....	do			
Wayne County—				
Creston.....	do	6		
Williams County—				
Alvordtown.....	do	1		
Bryan.....	do	1		
Montpelier.....	do			
Wood County—				
Center Township.....	do	10		
Henry Township.....	do			
North Baltimore.....	do	2		
Troy Township.....	do			
Webster Township.....	do			
Wyandot County—				
Carey.....	Aug. 1-Dec. 30	1		
Total for State.....		953	22	
Total for State, same period, 1901.		1,686	21	Total number of cases January 1 to Decem- ber 30, 1901, 2,986 deaths, 48.
<b>Oregon:</b>				
Clatsop County (Svenson).....	Mar. 17.....	1	1	
Marshfield.....	Dec. 1-Jan. 1	250	1	
Portland.....	Jan. 1-Mar. 31	102		
Total for State.....		353	2	
Total for State, same period, 1901.		10		
<b>Pennsylvania:</b>				
Allegheny County.....	Dec. 29-Apr. 19	69		
Berks County (Reading).....	Jan. 21-Feb. 21	4		
Blair County (Altoona).....	Dec. 29-Apr. 19	12		

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Pennsylvania—Continued.</b>				
Butler County.....	Jan. 16-Jan. 22	1	.....	
Cambria County (Johnstown)...	Mar. 30-Apr. 26	5	.....	
Carbon County.....	Feb. 10-Feb. 16	5	.....	
Dauphin County (Steelton).....	Feb. 16-Feb. 22	1	.....	
Erie County (Erie).....	Apr. 13-Apr. 26	10	.....	
Lackawanna County (Scranton).	Jan. 16-Apr. 26	20	1	
Lancaster County.....	Mar. 2-Apr. 28	25	.....	
Lawrence County (New Castle).	Jan. 1-Mar. 31	17	.....	
Lebanon County.....	Dec. 22-Mar. 15	114	2	
Lehigh County (Allentown) ...	Feb. 2-Feb. 8	1	.....	
Luzerne County.....	Dec. 25-Jan. 11	11	.....	
Lycoming County (Williamsport).	Jan. 26-Feb. 1	2	.....	
Montgomery County (Norristown).	Dec. 22-Mar. 15	21	5	
Philadelphia County.....	Dec. 22-May 3	1,160	210	
Schuylkill County (Auburn) ..	Nov. 17-Jan. 25	48	1	
York County (York).....	Feb. 1-Apr. 5	16	5	
Total for State.....		1,542	224	
Total for State, same period, 1901.		228	8	
<b>Rhode Island:</b>				
Central Falls.....	Feb. 18-Mar. 22	6	.....	
Jericho.....	Mar. 11-Mar. 17	1	.....	
Manville.....	Dec. 1-Apr. 6	9	.....	
Natick.....	Mar. 16-Mar. 22	1	.....	
North Kingstown.....	Apr. 14-Apr. 21	1	.....	
Pawtucket.....	Feb. 24-Mar. 22	12	.....	
Providence.....	Dec. 1-Apr. 26	86	3	
Warren.....	Mar. 3-Mar. 22	18	.....	
Warwick.....	Feb. 23-Apr. 6	26	.....	
Woonsocket.....	Dec. 1-Apr. 6	187	.....	
Total for State.....		297	3	
Total for State, same period, 1901.		10	1	
<b>South Carolina:</b>				
Greenville.....	Dec. 15-Apr. 26	31	2	
Charleston.....	Jan. 19-Mar. 8	16	.....	
Total for State.....		47	2	
Total for State, same period, 1901.		10	1	
<b>South Dakota:</b>				
Sioux Falls.....	Jan. 26-Apr. 19	31	.....	
<b>Tennessee:</b>				
Davidson County (Nashville)...	Feb. 2-Apr. 19	5	.....	
McMinn County.....	Dec. 15	24	.....	
Polk County.....	Feb. 2-Feb. 19	4	.....	
Shelby County (Memphis).....	Dec. 22-Apr. 26	196	2	
Total for State.....		229	2	
Total for State, same period, 1901.		4,238	100	
<b>Texas:</b>				
Fort Worth.....	Jan. 1-Jan. 31	8	.....	
Galveston.....	Mar. 14-Mar. 17	3	.....	
Houston.....	Jan. 1-Mar. 8	186	3	
Laredo.....	Feb. 8	1	.....	
San Antonio.....	Jan. 1-Mar. 31	62	.....	
Total for State.....		260	3	
Total for State, same period, 1901.		486	7	
<b>Utah:</b>				
Ordgen.....	Jan. 1-Mar. 31	7	.....	
Salt Lake City.....	Dec. 15-Apr. 26	18	.....	
Total for State.....		25	.....	
Total for State, same period, 1901.		742	3	

## Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Vermont:</b>				
Burlington.....	Dec. 15-Apr. 12	174		
<b>Virginia:</b>				
Cape Charles.....	Mar. 24-Mar. 28	2		1 on sc. Elsie M. Harris and 1 on sc. S. H. Sharp, transferred to Fishermans Island April 12.
Norfolk.....	Apr. 10.....	23		
Roanoke.....	Dec. 1-Mar. 31	205	2	
Total for State.....		230	2	
Total for State, same period, 1901.....		328	4	
<b>Washington:</b>				
Chehalis County.....	Dec. 1-Dec. 31	1		
Challam County.....	Jan. 17.....	2		
King County (Seattle).....	Nov. 1-Dec. 31	82		
Klickitat County.....	Nov. 1-Dec. 1	8		
Lincoln County.....	Nov. 1-Dec. 13	35	1	
Pierce County (Tacoma).....	Nov. 1-Apr. 27	119	6	
Spokane County (Spokane).....	Nov. 1-Feb. 22	143		
Whitman County.....	.....do	5		
Total for State.....		395	7	
Total for State, same period, 1901.....		38		
<b>West Virginia:</b>				
Wheeling.....	Mar. 16-Apr. 12	4		
Total for State, same period, 1901.....		72		
<b>Wisconsin:</b>				
36 counties, 61 places.....	Jan. 1-Jan. 31	239	1	
35 counties, 57 places.....	Feb. 1-Feb. 28	256	3	
37 counties, 73 places.....	Mar. 1-Mar. 31	304	1	
37 counties, 64 places.....	Apr. 1-Apr. 30	276	2	
45 counties, 85 places.....	May 1-May 31	358		
41 counties, 67 places.....	June 1-June 30	288	3	
32 counties, 52 places.....	July 1-July 31	268		
27 counties, 36 places.....	Aug. 1-Aug. 31	128	2	
15 counties, 18 places.....	Sept. 1-Sept. 30	71	3	
28 counties, 62 places.....	Oct. 1-Oct. 31	519	2	
42 counties, 100 places.....	Nov. 1-Nov. 30	596	3	
57 counties, 162 places.....	Dec. 1-Dec. 31	1,012	2	
61 counties, 232 places.....	Jan. 1-Jan. 31	1,521	8	
Fond du Lac.....	Jan. 17-Mar. 1	10		Smallpox was reported in 60 counties; 948 cases and 10 deaths during March, 1902.
Green Bay.....	Dec. 30-Apr. 27	169	4	
Janesville.....	Apr. 13-Apr. 26	3		
Manitowoc.....	Mar. 1-Mar. 31	20		
Milwaukee.....	Dec. 29-Apr. 26	51		
Total for State.....		6,089	34	
Total for State, same period, 1901.....		566	4	
Grand total.....		31,565	966	
Grand total, same period, 1901.....		22,888	373	

*Plague in the United States as reported to the Surgeon-General, United States Marine-Hospital Service, from December 28, 1901 to May 9, 1902.*

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco.....	Dec. 12	1	.....	
	Feb. 22	1	1	From Berkeley.
	Apr. 20	1	1	From Davisville.



Weekly mortality table, cities of the United States.

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Altoona, Pa.	Apr. 26	38,973	22	3									1
Ashabula, Ohio.	do.	12,949	6										
Baltimore, Md.	do.	508,957	214	36		2				3		2	5
Baton Rouge, La.	do.	11,269	7										
Belleville, Ill.	do.	17,484	4										
Binghamton, N. Y.	do.	38,647	20	4									
Boston, Mass.	do.	560,892	207	25		3				1	1	4	3
Brockton, Mass.	do.	40,063	4										
Brookline, Mass.	do.	12,103	2										
Butte, Mont.	do.	30,470	11	2						1			2
Cambridge, Mass.	do.	91,886	27	3								1	
Camden, N. J.	do.	75,935	24										
Charleston, S. C.	do.	55,807	36	2						2			
Chelsea, Mass.	do.	31,072	15										2
Chicago, Ill.	do.	1,698,575	550	57						4	17	12	5
Chicopee, Mass.	do.	19,167	4	1									
Cincinnati, Ohio.	do.	325,902	122	10						3	3		2
Cleveland, Ohio.	do.	381,766	138	11		1				1		2	1
Clinton, Mass.	do.	13,667	1										
Columbia, Pa.	Apr. 28	12,316	5										
Covington, Ky.	Apr. 27	42,938	15	3									
Dayton, Ohio.	Apr. 26	85,333	27	4									
Denver, Colo.	Apr. 19	133,859	45	10						1	2		
Detroit, Mich.	Apr. 26	285,704	118								1	2	
Dunkirk, N. Y.	do.	11,616	3										
Elmira, N. Y.	do.	35,672	16	2									
Erie, Pa.	do.	52,733	20									1	
Evansville, Ind.	do.	59,007	17	2									
Everett, Mass.	Apr. 19	24,336	7	3									
Do.	Apr. 26	24,336	16									1	
Fall River, Mass.	do.	104,863	26	2									
Fitchburg, Mass.	Apr. 19	31,531	4								1		
Do.	Apr. 26	31,531	10	2							1		
Freeport, Ill.	do.	13,258	2										
Galesburg, Ill.	do.	18,607	2										
Gloucester, Mass.	do.	26,121	6										
Grand Rapids, Mich.	do.	87,565	32	4						2			
Green Bay, Wis.	Apr. 27	18,684	7	1									
Hamilton, Ohio.	Apr. 26	23,914	7	1									
Haverhill, Mass.	do.	37,175	12	3								1	
Holyoke, Mass.	do.	45,712	9										
Indianapolis, Ind.	do.	169,164	42	3						2			
Jacksonville, Fla.	do.	28,429	17	2									
Janesville, Wis.	do.	13,185											
Jersey City, N. J.	Apr. 27	206,433	81	9		1					4	4	
Johnstown, Pa.	Apr. 26	35,936	26	1									
Lancaster, Pa.	do.	41,457	13	1							2		
Lawrence, Mass.	do.	62,559	18	2									
Lexington, Ky.	do.	26,369	12										
Los Angeles, Cal.	Apr. 19	102,479	39	5								1	
Lowell, Mass.	Apr. 26	94,969	48	2									
Ludington, Mich.	do.	7,166	0										
Lynchburg, Va.	do.	18,881	8	2									1
McKeesport, Pa.	do.	34,227	24							1			
Malden, Mass.	do.	33,664	5	1									
Manchester, N. H.	do.	56,987	18	1									
Marlboro, Mass.	do.	13,609	4									1	
Massillon, Ohio.	do.	11,944	4									1	
Medford, Mass.	do.	18,244	6										
Merrose, Mass.	do.	12,962	4										
Memphis, Tenn.	do.	102,320	31	2		2					1		
Michigan City, Ind.	Apr. 28	14,850	4	1									
Minneapolis, Minn.	Apr. 5	202,718	50	2							1		2
Do.	Apr. 12	202,718	54	5						3	1	3	
Do.	Apr. 19	202,718	57	7						1	1		
Mobile, Ala.	Apr. 26	38,469	20	3						1			
Nashua, N. H.	do.	23,856	8										
Nashville, Tenn.	do.	80,865	35	3									
New Bedford, Mass.	do.	62,442	29	3									
Newburyport, Mass.	do.	14,478	3										
New Orleans, La.	do.	287,104	136	23						8		1	
Newport, R. I.	do.	22,034	11										
Newton, Mass.	do.	33,587	9	3									
New York, N. Y.	do.	3,437,202	1,419	154		13				6	17	81	22

Weekly mortality table, cities of the United States—Continued.

Cities.	Week ended.	Population, U. S. census of 1900.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Norristown, Pa.	Apr. 26	22,265	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Adams, Mass.	.....do.....	24,200	9	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Omaha, Nebr.	.....do.....	102,555	24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oneonta, N. Y.	.....do.....	7,147	0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Palmer, Mass.	.....do.....	7,801	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.	.....do.....	1,293,697	473	59	.....	6	.....	.....	.....	22	4	5	3
Plainfield, N. J.	.....do.....	15,369	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Providence, R. I.	.....do.....	175,597	59	7	.....	.....	.....	.....	1	.....	.....	.....	.....
Quincy, Mass.	.....do.....	23,899	11	2	.....	.....	.....	.....	.....	.....	.....	1	.....
Rutland, Vt.	.....do.....	11,499	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sacramento, Cal.	Apr. 19	29,282	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Salt Lake City, Utah.	.....do.....	53,531	23	2	.....	.....	.....	.....	.....	.....	1	3	.....
Do.	Apr. 26	53,531	17	1	.....	.....	.....	.....	.....	.....	.....	.....	1
San Francisco, Cal.	Apr. 20	342,782	135	18	.....	.....	.....	.....	1	.....	.....	1	1
Santa Barbara, Cal.	Apr. 19	6,587	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Scranton, Pa.	Apr. 26	102,026	38	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shreveport, La.	.....do.....	16,013	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sioux Falls, S. Dak.	.....do.....	10,266	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Somerville, Mass.	.....do.....	61,643	14	2	.....	.....	.....	.....	.....	.....	.....	.....	1
South Bend, Ind.	.....do.....	35,999	11	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Steelton, Pa.	.....do.....	12,068	4	1	.....	.....	.....	.....	.....	.....	.....	1	.....
Tacoma, Wash.	Apr. 20	37,714	14	.....	.....	.....	.....	.....	1	.....	.....	1	.....
Taunton, Mass.	Apr. 26	31,036	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Terre Haute, Ind.	.....do.....	36,673	12	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Titusville, Pa.	.....do.....	8,244	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Toledo, Ohio.	.....do.....	131,822	28	1	.....	.....	.....	.....	.....	3	.....	.....	3
Waltham, Mass.	.....do.....	23,481	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Warren, Ohio.	.....do.....	8,529	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Weymouth, Mass.	.....do.....	11,324	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wichita, Kans.	.....do.....	24,671	8	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Williamsport, Pa.	.....do.....	28,757	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woburn, Mass.	Apr. 12	14,254	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Apr. 19	14,254	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Do.	Apr. 26	14,254	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yonkers, N. Y.	.....do.....	47,931	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Youngstown, Ohio.	Apr. 19	44,885	17	2	.....	.....	.....	.....	1	.....	.....	.....	2



Table of temperature and rainfall, week ended April 28, 1902.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	42	2		.65	.45	
Portland, Me.....	47		1	.71	.49	
Northfield, Vt.....	44	4		.50	.70	
Boston, Mass.....	49	5		.80		.40
New Haven, Conn.....	50	6		.80		.50
Albany, N. Y.....	51	5		.63		.13
New York, N. Y.....	52	10		.77		.67
Harrisburg, Pa.....	55	7		.87		.87
Philadelphia, Pa.....	54	8		.70		.60
New Brunswick, N. J.....	54	8		.90		.80
Atlantic City, N. J.....	51	3		.70		.50
Baltimore, Md.....	57	7		.77		.47
Washington, D. C.....	57	7		.77		.57
Lynchburg, Va.....	59	7		.81		.81
Cape Henry, Va.....	58	8		.98		.98
Norfolk, Va.....	59	7		.91		.91
Charlotte, N. C.....	63	5		.82		.62
Raleigh, N. C.....	61	7		.91		.91
Kittyhawk, N. C.....	59	3		.98		.98
Hatteras, N. C.....	60	2		1.05		.95
Wilmington, N. C.....	64	4		.73		.63
Columbia, S. C.....	67	5		.66	.24	
Charleston, S. C.....	67	3		.84		.74
Augusta, Ga.....	67	3		.71		.71
Savannah, Ga.....	69	3		.77		.77
Jacksonville, Fla.....	71	1		.68		.68
Jupiter, Fla.....	73	3		.66		.66
Key West, Fla.....	77		1	.31		.31
<b>Gulf States:</b>						
Atlanta, Ga.....	65	5		.77		.77
Tampa, Fla.....	73	1		.51		.51
Pensacola, Fla.....	70	0		.72		.72
Mobile, Ala.....	69	1		.93	.07	
Montgomery, Ala.....	68	2		1.05		1.05
Meridian, Miss.....	68	2		.98		.88
Vicksburg, Miss.....	68	4		1.31		.91
New Orleans, La.....	71	3		1.19		1.19
Shreveport, La.....	68	4		1.18		.58
Fort Smith, Ark.....	63	5		1.25		1.05
Little Rock, Ark.....	65	3		1.19		.89
Palestine, Tex.....	68	4		1.16		1.16
Galveston, Tex.....	71	3		.70		.70
San Antonio, Tex.....	72	4		.77		.77
Corpus Christi, Tex.....	73	3		.39		.39
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	64	4		1.26		.26
Nashville, Tenn.....	62	6		1.12		.72
Chattanooga, Tenn.....	64	4		.98		.98
Knoxville, Tenn.....	61	7		1.09		1.09
Lexington, Ky.....	59	5		.84		.54
Louisville, Ky.....	59	5		.98		.78
Indianapolis, Ind.....	56	4		.91		.71
Cincinnati, Ohio.....	57	7		.77		.67
Columbus, Ohio.....	56	4		.80		.70
Parkersburg, W. Va.....	58	4		.70		.60
Pittsburg, Pa.....	55	5		.70		.70
<b>Lake Region:</b>						
Oswego, N. Y.....	46	6		.52	.08	
Rochester, N. Y.....	48	6		.62		.32
Buffalo, N. Y.....	45	7		.63		.43
Erle, Pa.....	48	6		.62		.52
Cleveland, Ohio.....	49	7		.57		.47
Sandusky, Ohio.....	52	4		.63		.63
Toledo, Ohio.....	52	6		.57		.37
Detroit, Mich.....	50	4		.58		.28
Lansing, Mich.....	52	0		.56	.84	
Port Huron, Mich.....	46	6		.58	.22	
Alpena, Mich.....	41	5		.61	1.19	
Sault Ste. Marie, Mich.....	41	1		.42	.88	
Marquette, Mich.....	41		1	.49	1.71	
Escanaba, Mich.....	39	3		.49	.81	
Green Bay, Wis.....	47	1		.63	.67	
Grand Haven, Mich.....	47	3		.63		.13
Milwaukee, Wis.....	46	6		.70		.20
Chicago, Ill.....	49	5		.76	1.34	
Duluth, Minn.....	41	1		.63		.13

a The figures in this column represent the average daily departure.

Table of temperature and rainfall, week ended April 28, 1902.—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	50		2	.66	2.34	
La Crosse, Wis.....	52	0		.60	.00	
Dubuque, Iowa.....	53	1		.70	.10	
Davenport, Iowa.....	54	2		.72	.48	
Des Moines, Iowa.....	55		1	.78	.62	
Keokuk, Iowa.....	56	2		.84	1.86	
Springfield, Ill.....	57	1		.96		.16
Cairo, Ill.....	62	2		.91	.59	
St. Louis, Mo.....	59	3		.93	.67	
<b>Missouri Valley:</b>						
Columbia, Mo.....	60	0		.73	1.07	
Springfield, Mo.....	60		2	.94	1.56	
Kansas City, Mo.....	58	0		.76		.26
Topeka, Kans.....	61		3	.75		.75
Wichita, Kans.....	61	1		.78		.38
Concordia, Kans.....	58		2	.59		.29
Lincoln, Nebr.....	55	1		.72		.32
Omaha, Nebr.....	55		1	.84		.44
Sioux City, Iowa.....	57		5	.77	.03	
Yankton, S. Dak.....	49	1		.80	.00	
Valentine, Nebr.....	50		4	.70	.00	
Huron, S. Dak.....	50		4	.70	.20	
Pierre, S. Dak.....	55		7	.49	.81	
Moorhead, Minn.....	46		4	.56	.84	
Bismarck, N. Dak.....	47		3	.62		.52
Williston, N. Dak.....	47		7	.42		.42
<b>Rocky Mountain and Plateau Region:</b>						
Havre, Mont.....	48		6	.25		.15
Helena, Mont.....	46		4	.28		.08
Miles City, Mont.....	51		7	.31	.09	
Rapid City, S. Dak.....	51		11	.62	.98	
Spokane, Wash.....	51		3	.35	.05	
Walla Walla, Wash.....	57		7	.35		.05
Baker City, Oreg.....	49		7	.28		.08
Winnemucca, Nev.....	49		9	.25	.05	
Pocatello, Idaho.....	50		8	.35	1.05	
Boise, Idaho.....	52		2	.28		.28
Salt Lake City, Utah.....	52		4	.49	1.71	
Lander, Wyo.....	45		7	.64	.76	
Cheyenne, Wyo.....	43		3	.38	.02	
North Platte, Nebr.....	51		1	.56	.04	
Denver, Colo.....	49	1		.59		.59
Pueblo, Colo.....	55		3	.42		.42
Dodge City, Kans.....	56	2		.44		.44
Oklahoma, Okla.....	65	3		.72		.72
Amarillo, Tex.....	58	4		.52		.52
Abilene, Tex.....	68	6		.75		.75
Santa Fe, N. Mex.....	49	1		.21		.21
El Paso, Tex.....	67		1	.07		.07
Phoenix, Ariz.....	69		3	.07		.07
Yuma, Ariz.....	72		6	.00	.00	
<b>Pacific Coast:</b>						
Seattle, Wash.....	51	1		.63		.63
Tacoma, Wash.....	51		1	.77		.77
Portland, Oreg.....	54		4	.65		.45
Roseburg, Oreg.....	53		5	.56		.16
Eureka, Cal.....	51		1	.87		.87
Red Bluff, Cal.....	62		8		.28	
Carson City, Nev.....	50		8	.20		.20
Sacramento, Cal.....	60		6	.47		.07
San Francisco, Cal.....	55		3	.36	.04	
Fresno, Cal.....	62		6	.33	.07	
San Luis Obispo, Cal.....	58		4	.37	.23	
Los Angeles, Cal.....	60		4	.21		.21
San Diego, Cal.....	59		3	.14		.14

a The figures in this column represent the average daily departure.

## FOREIGN AND INSULAR.

### BRITISH HONDURAS.

#### *Report from Belize—Fruit port.*

BELIZE, HONDURAS, *April 19, 1902.*

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended April 19, 1902:

Population according to census of 1901, 9,113; present officially estimated population, about 7,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none. General sanitary condition of this port and the surrounding country during the week, good.

Bills of health were issued to the following vessels: April 17, steamship *Spero*; crew, 18; number of passengers from this port, none; number of passengers in transit, none. April 18, steamship *Anselm*; crew, 41; number of passengers from this port, 30; number of passengers in transit, 32.

Respectfully,

R. H. PETERS,

*Acting Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

### CANADA.

#### *Inspection of immigrants at Quebec, Halifax, and St. John.*

QUEBEC, CANADA, *April 26, 1902.*

SIR: I have the honor to report that for the week ended April 26, there were inspected 720 immigrants; passed, 709; detained, 11. \* \* \*

At the port of Halifax, Nova Scotia, during the week ended April 26, there were inspected 73 immigrants; passed, 73; detained, none.

At the port of St. John, New Brunswick, during the week ended April 26, there were inspected 2 immigrants; passed, 2; detained, none.

Respectfully,

VICTOR G. HEISER,

*Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

### CHINA.

#### *Cholera in Canton and vicinity.*

[No. 175.]

CANTON, CHINA, *March 15, 1902.*

SIR: In further continuation of my No. 165, concerning the prevalence of cholera in Canton and vicinity, I have the honor to report as follows:

On March 5, 1902, I cabled you as follows :

SECRETARY OF STATE, *Washington, D. C.*: Thomas Stephenson, American citizen, senior officer customs service, died here to-day ; cholera.—MCWADE.

On March 6, 1902, I cabled to the Department as follows :

SECRETARY OF STATE, *Washington, D. C.*: Cholera increasing. Another European died to-day. Custom-house closed ; employees ordered live boats on river.—MCWADE.

The European referred to in the foregoing cablegram was David Duncan, Scotchman, an old and highly valued official of the imperial Chinese maritime customs. In consequence of the spread and virulence of the disease, Commissioner Morgan, of the imperial Chinese maritime customs, found it imperatively necessary to order the immediate transfer of all their married customs officers (outdoor staff) to a number of commodious junks at Honam Spit, opposite to Shameen. A trained nurse has been provided for them, under whose supervision all the cooking, etc., for the men is done. Meanwhile the men are kept under observation. The houses that have been occupied by these men, situated on Honam, have all been thoroughly cleaned, fumigated, and whitewashed. Large quantities of lime have also been used on the streets and alleys in the immediate vicinity of those houses. There are no sewers in Honam, which is immediately adjacent to Canton and lies on the south side of the Canton River. As there have been no rains to flush its streets and alleys, the stench under the influence of the hot sun is almost unbearable, a condition which helps the spread of cholera. Although very many deaths have occurred at Honam from cholera, I can not truthfully say that the disease has become epidemic. I noticed a marked diminution in the number of cases there within the past five days.

On March 14, 1902, I cabled to the Department as follows :

SECRETARY OF STATE, *Washington, D. C.*: Fritz Brockelman, Swedish-Norwegian merchant consul, died to-day, cholera ; also, sailor French gunboat *Avalanche*.

MCWADE.

Mr. Brockelman was for over ten years a principal partner in Reuter Brockelmann & Co., a German firm of high standing in South China. His principal customers were leading merchants of New York. He leaves a wife and 3 children. He was taken ill whilst on the *Poucan*, traveling from Hongkong to Canton. His illness was caused by drinking a glass of water, and lasted only eight and a half hours, his death having occurred several hours after his arrival at his residence in Shameen. He was interred in the foreign cemetery, Macao Fort, at a very early hour this morning.

The deceased sailor on the French gunboat *Avalanche* was ill for only six hours. Since his death, the *Avalanche* has been moved by her commander from her position immediately opposite the French consulate, about 100 yards west and immediately opposite the American consulate. Strange to say, the *Avalanche* does not float the yellow flag, customary in such cases, and her crew are not in quarantine, for I have met numbers of them in Shameen.

The number of cases in Canton and its immediate vicinity is very much smaller than a week ago, and I feel satisfied that the disease is abating. It is a remarkable fact that, although several natives have recovered after a very violent attack, every foreigner afflicted with it has died, after an illness ranging from six to ten hours.

The drought still continues. The wells are all dried up, and the water in the Canton River, which we have to use for all domestic purposes, is very salty and nauseous to taste. In the interior the land is so dried up that, as reported to me by the Rev. Andrew Beattie, of the

American Presbyterian Mission, great cracks and fissures are seen everywhere. The wells are exhausted and the efforts of the natives to secure a supply of water by digging fresh wells are almost invariably fruitless. The high officials, the litterati, and the gentry repair to the temples daily to pray for rain.

H. E. Tao Mu, viceroy of the Two Kwangs, has commanded the Nam Hoi and the Pun U magistrates to issue proclamations in their respective districts embodying the following suggestions, which I have prepared at his excellency's request :

All of the streets, large and small, and all the drains should be thoroughly flushed with water from the river, and plenty of lime thereafter sprinkled on the streets, and especially where animal matter and other refuse is usually allowed to collect.

After being thoroughly flushed with water from the river the drains should also have lime profusely scattered therein.

All decayed or unripe fruit and vegetables should be immediately destroyed and the sale thereof severely punished.

All vegetables should be thoroughly well cooked before being eaten.

Under no circumstances should water be drunk or used for family purposes until it has been boiled for at least half an hour.

Cleanliness of person, of all clothing, of cooking and other utensils and of the interior of every household is essentially necessary.

An excellent precaution against cholera is for each person to take twice every day 5 drops of aromatic sulphuric acid in a glass of water which has been well boiled. A small bottle of aromatic sulphuric acid can be easily procured at the Canton hospital.

I have the honor also to report that I am keeping Dr. John W. Kerr, U. S. Marine-Hospital Service, at Hongkong, continually posted as to disease developments here. He reports to me in a communication received this morning, dated March 14, 1902 that he has found it necessary to enforce the quarantine law respecting the shipment of fresh vegetables to the Philippine Islands, as almost all such "fresh cargoes" come from Canton and its vicinity.

Respectfully,

ROBERT M. MCWADE,  
*United States Consul.*

HON. ASSISTANT SECRETARY OF STATE.

[No. 176.]

CANTON, CHINA, *March 17, 1902.*

SIR: In further continuation of my No. 175, regarding Asiatic cholera in Canton, I have the honor to report as follows:

Within the first two days the disease has spread rapidly through Wongsba, at the western end of Canton, where it has had many native victims. It is also cutting a wide swath in the southern suburb, outside of the city walls and immediately opposite to the yamen of the Tartar general. Sister Marie Immaculee, of the French convent, which is located in the heart of the city, was attacked by the disease on Saturday afternoon and died last night. The French colony are almost inconsolable over her sad and untimely death, for she was the youngest sister in the community, and exceedingly popular with the natives as well as the foreigners of all nationalities.

Honam is still suffering, but I believe that there is a considerable abatement in the number of deaths.

As the native authorities keep no record of the mortality, it is almost impossible to give anything like a correct estimate of the effects of the disease in this locality. I can, however, say that it has not yet assumed epidemic form.

Respectfully,

ROBERT M. MCWADE,  
*United States Consul.*

HON. ASSISTANT SECRETARY OF STATE.



*Report from Hongkong.*

HONGKONG, CHINA, March 26, 1902.

SIR: I have the honor to transmit herewith the abstract of bills of health issued at this station during the week ended March 22, 1902.

Seven steamers were inspected, 672 individuals were bathed at the disinfecting station, and 909 bundles of clothing and bedding were disinfected by steam. Owing to pressure of other work, it was impossible for me to personally superintend all of the disinfection work, but I believe it was carefully done by the attendants. There were 5 rejections during the week because of fever.

Among the bills of health issued during the week was 1 to the Japanese steamship *Riojun Maru*. As previously reported, this vessel was held in quarantine because of 6 cases of cholera which developed aboard. At the hour of inspection a case of fever was found and the vessel was held by me for eighteen hours until satisfied that it was not of a quarantinable nature.

Careful precautions having been taken by the port physician while the vessel was in quarantine, it was not considered necessary to repeat the disinfection. However, the crew were bathed and all their personal effects disinfected just prior to sailing. The return of communicable diseases show that during the week 11 cases of Asiatic cholera and 10 deaths and 3 cases of smallpox and 3 deaths occurred in this city. One of the cholera cases was a French sailor aboard the French gunboat *Decidee* while that vessel was at the Kowloon drydock. It was at this dock that the cases appeared aboard the Japanese steamship *Riojun Maru*. This has been the only European case in this city thus far, with the exception of 1 case removed from a Canton River steamer March 24.

From reports in the local papers the disease continues very severe in parts of Canton. Information received from the Hon. R. M. McWade, United States consul at Canton, states that the disease appears to be abating somewhat on the Honam (south) side of the river, but that it has broken out and is severe in Fatshaw, outside the walled city. Two more Europeans died there, making a total of 11 deaths since the beginning of the epidemic.

The local papers also report the appearance of the disease in Macao, stating that 7 suspicious cases had developed during the week. The conditions seem favorable for the spread of the disease to other coast cities, because of the failing water supply due to long continued drought and the filthy condition of the cities.

The public water supply of Hongkong is collected in reservoirs located high up in the hills, and in case of rain would furnish an abundant supply of good water for all, thus greatly lessening the chances of a further spread of the disease here.

Respectfully,

JOHN W. KERR,  
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,  
U. S. Marine-Hospital Service.

*Plague epidemic at Pakhoi.*

WASHINGTON, D. C., April 26, 1902.

SIR: For the information of the U. S. Marine-Hospital Service I have the honor to advise you that the Department is in receipt of a telegram



dated April 25, 1902, from the consul of the United States at Canton, China, which reads as follows: "Plague epidemic Pakhoi."

Respectfully,

JOHN HAY,  
Secretary of State.

HON. SECRETARY OF THE TREASURY.

COLOMBIA.

*Report from Bocas del Toro—Fruit port.*

BOCAS DEL TORO, COLOMBIA, April 22, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ending April 21, 1902:

Population according to census, not obtainable. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, none. Prevailing diseases, malarial. Deaths from casualties of war, on April 17, 1902, estimated at 40. General sanitary condition of this port and the surrounding country during the week, good. Owing to the disturbed condition of the country due to the revolution, it is impossible to get any reliable information. However, it can be positively stated that no infectious or contagious diseases exist at this port; the health of the place has been remarkably good for several months.

Bills of health were issued to the following vessels: April 16, steamship *Hispania*, crew, 22; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none; steamship *Mount Vernon*, crew, 20; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. April 20, steamship *Alabama*, crew, 20; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none.

Respectfully,

PAUL OSTERHOUT,  
Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

COSTA RICA.

*Report from Port Limon—Fruit port.*

PORT LIMON, COSTA RICA, April 24, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended April 23, 1902:

Present officially estimated population, 4,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 3. Prevailing diseases, malarial fever and pulmonary consumption. General sanitary condition of this port and

the surrounding country during the week was fairly good. There remain in the United Fruit Company's hospital here 3 cases convalescing from yellow fever. The 3 deaths noted above are officially recorded here as due to pernicious fever, hemorrhage of lungs, and pernicious malarial fever, the last in the charity hospital.

Bills of health were issued to the following vessels: April 17, steamship *Beverly*, number crew, 40; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. April 18, steamship *Taunton*, number crew, 22; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. April 19, steamship *Algiers*, number crew, 31; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. April 21, steamship *Alleghany*, number crew, 44; number of passengers from this port, 5; number of passengers in transit, 7; pieces of baggage disinfected, none. April 23, steamship *Foxhall*, number crew, 26; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none.

Respectfully,

WM. H. CARSON,

*Acting Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Report from Port Limon—Yellow fever.*

PORT LIMON, COSTA RICA, *April 23, 1902.*

SIR: I have the honor to submit this special report, that very soon after my arrival here, the morning of April 17, 1902, I was credibly informed by some of the local physicians, as well as by Resident Medical Inspector Jumel, in the service of the Louisiana State board of health, that this port was already infected with yellow fever and had been since April 1 instant, if not indeed before that date, it-being openly asserted that there had been cases of yellow fever since March last.

On April 14 instant one Frederico Mora, a native laborer, aged about 25 years, who had been sick two days here without medical attention, was admitted to the United Fruit Company's hospital, where the nature of his illness was at once recognized as yellow fever by Dr. Steggall, the house physician and a practitioner of many years' experience with tropical fevers. From these physicians named I learned that all the characteristic phenomena of yellow fever were present in this case, namely, a fever of one paroxysm, disturbed correlation of pulse and temperature, albuminous urine with eventual suppression, marked congestion or blood stasis of capillaries of the surface, conjunctiva, and gums, also black vomit. The patient died at 6 p. m., April 16 instant.

There are at this date 3 cases of yellow fever now convalescing in the same hospital here, and I have no information or suspicion as to any other cases of yellow fever now existing at this port than those heretofore mentioned herein.

I have to confirm the following cablegram that I deposited here, reading as follows:

PORT LIMON, COSTA RICA, *April 17, 1902—11.40 a. m.*

WYMAN, Washington, D. C.: Three cases yellow. Death yesterday.—CARSON.

Complying with Bureau instructions, dated Washington, D. C., April 4, 1902 (C. H. W.), I cabled a corresponding message to Henry Gold-

thwaite, M. D., health and executive officer, quarantine board of Mobile Bay, Mobile, Ala.

I have also to inform you that passenger traffic has been discontinued from here for New Orleans, La., and Mobile, Ala., and it is not likely to be resumed during the present quarantine season.

I have also to state that the Hamburg-American Line (Atlas Line service) between New York and Jamaica, Hayti, Colombia, Nicaragua, and Costa Rica is the only service now available to passengers for the United States.

Respectfully,

WM. H. CARSON,

*Acting Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

#### CUBA.

##### *Reports from Cienfuegos, Casilda, and Santa Cruz del Sur.*

CIENFUEGOS, CUBA, April 28, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to transmit the following report for the district under my command for the period ended April 26, 1902: Twelve deaths have occurred in this city. Of these, 2 occurred in the civil hospital. No contagious diseases reported. Causes of death as follows: Tuberculosis, 2; enteritis, 2; paludism, 1; athrepsia, 1; nephritis, 1; sclerosis, 1; hemorrhage, cerebral, 1; bronchitis, 1; meningitis, 1; hypertrophy of the heart, 1. Annual death rate per 1,000 inhabitants, 15.64. Eight vessels inspected and passed, granted pratique; 4 vessels admitted without inspection; no alien steerage passengers landed at this port; 26 bills of health issued vessels prior to departure.

*Casilda.*—Acting Asst. Surg. Alejandro Cantero reports 6 deaths in the city of Trinidad. No contagious diseases reported. Twelve vessels inspected and passed, granted pratique; no alien steerage passengers landed at that port; 12 bills of health issued vessels prior to departure.

*Santa Cruz del Sur.*—Acting Asst. Surg. Pedro M. Quevedo reports 1 death at that port during the week ended April 19. No contagious diseases reported in that vicinity. Five vessels inspected and passed, granted pratique; no alien steerage passengers landed at that port; 4 bills of health issued vessels prior to departure.

Respectfully,

FELIX GIRALT,

*Acting Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

##### *Reports from Havana and Batabano.*

HAVANA, CUBA, April 30, 1902.

SIR: I have the honor to submit herewith report of transactions at this station together with mortuary data of this city of Havana, for the week ended April 26, 1902.

[ *Batabano.*—Acting Asst. Surg. Jose M. Campos reports having inspected 5 vessels on arrival and issued 6 bills of health during the week.

Respectfully,

A. H. GLENNAN,

*Surgeon, U. S. M. H. S.,*

*Chief Quarantine Officer for the Island of Cuba.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

[Inclosure.]

*Summary of transactions at Havana for week ended April 26, 1902.*

## PASSENGER DEPARTMENT.

Passengers inspected .....	96
Passengers vaccinated.....	1
Total .....	97

## HARBOR DEPARTMENT.

Number of crew on incoming vessels inspected.....	836
Number of crew on outgoing vessels inspected.....	780
Number of passengers on incoming vessels inspected.....	581
Number of passengers on outgoing vessels inspected.....	531
Total.....	2,668

Number of immigrants inspected and passed.....	202
Immigrants recommended for further physical investigation.....	1
Number of vaccination certificates issued.....	4

## SHORE DISINFECTING PLANT.

Baggage disinfected.....	16
Baggage inspected and passed.....	393
Express inspected and passed.....	54
Freight inspected and passed.....	732
Total number of pieces handled.....	1,195

## DISINFECTING STEAMER SANATOR.

Number of cargo vessels disinfected.....	3
Number of baggage disinfected.....	215
Number of crews and passengers inspected.....	63

## MORTUARY REPORT.

Cancer .....	1	Meningitis.....	6
Fiebre de borras.....	1	Pneumonia .....	6
Typhoid fever.....	1	Enteritis .....	6
Diphtheria .....	1	Tuberculosis .....	28
Bronchitis.....	3	Total number deaths from all causes...	124

*Inspection of immigrants at Havana for the week ended April 19, 1902.*

HAVANA, CUBA, April 19, 1902.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended April 19, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 13	Steamship Juan Forgas .....	Spain, Porto Rico, and Santo Domingo.....	25
Apr. 14	Steamship Havana.....	New York.....	33
Do.....	Steamship Excelsior.....	New Orleans.....	8
Apr. 15	Steamship Mascotte.....	Key West.....	11
Do.....	Steamship Manuel Calvo.....	Genoa, Spain, and New York.....	42
Apr. 16	Steamship Morro Castle.....	New York.....	4
Do.....	Steamship Monterrey.....	Vera Cruz and Progreso.....	14
Do.....	Steamship Niceto.....	Liverpool.....	1
Apr. 17	Steamship Mascotte.....	Key West.....	4
Do.....	do.....	do.....	2
Apr. 18	Steamship Alfonso XIII.....	Vera Cruz.....	11
Apr. 19	Steamship Mascotte.....	Key West.....	14
Total.....			169

Respectfully,

A. H. GLENNAN,  
Surgeon, U. S. M. H. S.

The SURGEON GENERAL,  
U. S. Marine-Hospital Service.

*Inspection of immigrants at Havana for the week ended April 26, 1902.*

HAVANA, CUBA, April 26, 1902.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended April 26, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 21	Steamship Esperanza.....	New York.....	4
Do.....	Steamship Santanderino.....	Liverpool and Spain.....	144
Do.....	Steamship Guiseppe Corvaja.....	Mobile.....	1
Do.....	Steamship Chalmette.....	New Orleans.....	4
Apr. 22	Steamship Mascotte.....	Key West.....	4
Do.....	Steamship Yucatan.....	Liverpool and Central America.....	4
Apr. 23	Steamship Mexico.....	New York.....	6
Do.....	Steamship Yucatan.....	Vera Cruz and Progreso.....	27
Apr. 25	Steamship Polynski.....	Hamburg.....	1
Apr. 26	Steamship Manuel Calvo.....	Vera Cruz.....	7
Total.....			202

Respectfully,

A. H. GLENNAN,  
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,  
U. S. Marine-Hospital Service.

*Reports from Matanzas, Cardenas, Isabela de Sagua, and Caibarien.*

MATANZAS, CUBA, April 23, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following sanitary report of the quarantine district under my command for the week ended April 19, 1902:

*Matanzas.*—Eleven deaths occurred in the city of Matanzas during the period covered by this report, showing a mortality of 12.67 per



1,000. The principal causes of death were as follows: Tuberculosis, 3; hepatitis, 1; carcinoma, 1; eclampsia, 1; gastro-enteritis, 1; enteritis, 1; other causes, 3. No case of infectious or contagious character was reported. Two pieces of baggage were inspected and passed. Six vessels arrived during the week; 4 of these were inspected and passed and two passed without inspection. Eight bills of health were issued to vessels leaving this port.

*Cardenas.*—Acting Asst. Surg. Enrique Saez reports that 19 deaths occurred in Cardenas during the week of the following causes: Tuberculosis, 3; syphilis, 2; cancer, 2; typhoid fever, 1; enteritis, chronic, 1; cerebral congestion, 1; pernicious fever, 1; malarial fever, 1; alcoholism, 1; cerebral apoplexy, 1; other causes, 5. No case of infectious or contagious character was reported. The death rate during the week was 37.81 per 1,000. Fourteen vessels arrived during the week; 2 of these were inspected and passed and 12 passed without inspection. Fifteen bills of health were issued to vessels leaving the port.

*Isabela de Sagua.*—Acting Asst. Surg. Pedro Garcia Riera reports that 6 deaths occurred in the municipal district of Sagua la Grande of the following causes: Tuberculosis, 1; meningitis, 1; malarial fever, 1; general debility in children, 1; other causes, 2. No case of infectious or contagious character was reported. The death rate during the week was 14.76 per 1,000. Thirteen vessels arrived during the week; 1 of these was inspected and passed and 12 passed without inspection; 9 bills of health were issued to vessels leaving the port.

*Caibarien.*—Acting Asst. Surg. Leoncio Junco reports that 1 death occurred in the municipal district of Caibarien of general debility in children. No case of infectious or contagious character was reported. The death rate during the week was 6.03 per 1,000. Twelve vessels arrived and were passed without inspection; 10 bills of health were issued to vessels leaving the port.

Respectfully,

G. M. GUITÉRAS,

*Passed Assistant Surgeon, U. S. M. H. S.*

The SURGEON GENERAL,

*U. S. Marine-Hospital Service.*

*Reports from Santiago, Manzanillo, Guantanamo, and Daiquiri.*

SANTIAGO DE CUBA, April 19, 1902.

SIR: Through the chief quarantine officer for the island of Cuba, I have the honor to submit herewith the following report for the week ended April 12, 1902:

*Santiago.*—During this period there was a total of 24 deaths reported, making the annual rate mortality for the week, 28.02 per 1,000. The causes of death were the following: Fever, intermittent malarial, 3; tubercle of lungs, 5; cancer of the stomach, 1; organic diseases of the heart, 2; pneumonia, 1; diarrhea and enteritis (under 2 years), 4; diarrhea and enteritis, chronic, 1; peritonitis, 1; Bright's disease, 2; septicæmia, puerperal, 1; congenital debility, 2; unspecified causes of death, 1. During the week 12 vessels were inspected and passed on arrival, 5 vessels were passed without inspection, and 9 bills of health were issued to vessels prior to leaving port.

*Manzanillo.*—Acting Asst. Surg. R. de Socarras reports 1 death, due to accidental traumatism (homicide), making the annual rate mortality for the week 3.59 per 1,000. During the week 5 vessels were inspected and passed on arrival, 6 vessels were passed without inspection, and 8 vessels received bills of health prior to departure.



*Guantanamo.*—Acting Asst. Surg. H. S. Caminero reports a total of 5 deaths for this period, the causes being as follows: Fever, intermittent malarial, 2; tubercle of lungs, 1; septicæmia, puerperal, 1; rachitis, 1. Annual rate mortality for the week, 14.44 per 1,000. During the week 3 vessels were inspected and passed on arrival, 3 vessels were passed without inspection, and 5 bills of health were issued to vessels leaving port.

*Daiquiri.*—Acting Asst. Surg. Juan J. de Jongh reports 1 death, due to wounds by firearms. During the week 2 vessels were inspected on arrival and 1 vessel received bill of health prior to sailing.

Respectfully,

R. H. VON EZDORF,  
*Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

[Inclosures.]

*Port of Santiago de Cuba—Summary report for month of March, 1902.*

Number of vessels inspected and passed on arrival.....	46
Number of vessels passed without inspection.....	23
Number of vessels boarded and passed on medical officer's certificate.....	4
Number of vessels issued bills of health.....	51
Number of vessels disinfected.....	2
Number of crew of incoming vessels inspected.....	1,494
Number of crew of incoming vessels passed without inspection.....	712
Number of passengers of incoming vessels inspected.....	857
Number of passengers of incoming vessels passed without inspection.....	1,028
Number of crew of outgoing vessels inspected.....	2,572
Certificates of vaccination issued—	
Immune.....	1
Nonimmune.....	43
Applicants for immune certificates rejected.....	37
Number of persons vaccinated.....	14
Number of immigrants inspected.....	75
Number of pieces of baggage disinfected.....	125
Number of pieces of baggage inspected and passed.....	19
Quarantinable diseases reported.....	0
Number of deaths in city.....	69

*Manzanillo, Cuba—Summary report for month of March, 1902.*

Number of vessels inspected and passed on arrival.....	34
Number of vessels passed without inspection.....	8
Number of vessels issued bills of health.....	42
Number of crew of incoming vessels inspected.....	851
Number of crew of incoming vessels passed without inspection.....	93
Number of passengers of incoming vessels inspected.....	856
Number of passengers of incoming vessels passed without inspection.....	0
Number of crew of outgoing vessels inspected.....	399
Number of persons vaccinated.....	0
Number of immigrants inspected.....	2
Quarantinable diseases reported.....	0
Number of deaths in city reported.....	27

*Guantanamo, Cuba—Summary report for month of March, 1902.*

Number of vessels inspected and passed on arrival.....	7
Number of vessels passed without inspection.....	15
Number of vessels boarded and passed on medical officer's certificate.....	0
Number of vessels issued bills of health.....	12
Number of crew of incoming vessels inspected.....	169
Number of crew of incoming vessels passed without inspection.....	1,848
Number of passengers of incoming vessels inspected.....	23
Number of passengers of incoming vessels passed without inspection.....	340

Number of crew of outgoing vessels inspected.....	503
Number of persons vaccinated.....	0
Number of immigrants inspected.....	0
Quarantinable diseases reported (smallpox).....	1
Number of deaths reported.....	18

*Daiquiri, Cuba—Summary report for month of March, 1902.*

Number of vessels inspected and passed on arrival.....	11
Number of vessels issued bills of health.....	11
Number of crew of incoming vessels inspected.....	275
Number of crew of outgoing vessels inspected.....	275
Number of persons vaccinated.....	0
Number of immigrants inspected.....	0
Quarantinable diseases reported.....	0
Number of deaths reported.....	1

*Inspection of immigrants at Santiago for the week ended April 12, 1902.*

SANTIAGO DE CUBA, April 12, 1902.

SIR: I herewith submit report of alien steerage passengers arriving at this port during the week ended April 12, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 8	Provisional flag steamship Maria Herrera.	San Juan, P. R.....	2
Apr. 9	Provisional flag steamship Tomas Brooks.	Kingston, Jamaica.....	39
Apr. 12	Norwegian steamship Daphne.....	Halifax, Nova Scotia, via Jamaica.....	5
	Total.....		46

Respectfully,

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

R. H. VON EZDORF,

*Assistant Surgeon, U. S. M. H. S.*

ENGLAND.

*Reports from Liverpool.*

LIVERPOOL, ENGLAND, April 19, 1902.

SIR: I have the honor to state that for the week ended April 19, 1902, there were reported to the local health authorities 3 cases of smallpox, typhus fever, 1 case; enteric fever, 15 cases; scarlet fever, 101; diphtheria, 21; measles, 25.

On April 15, 1902, I vaccinated those of the officers, crew, and cattlemen of the steamship *Michigan*, belonging to the Warren Line, who could not show satisfactory vaccination scars, or who had not had smallpox. To-day I did the same to the officers, crew, and cattlemen of the steamship *Vedamore*, belonging to the Johnston Line.

Respectfully,

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

CARROLL FOX,

*Assistant Surgeon, U. S. M. H. S.*

LIVERPOOL, ENGLAND, *April 22, 1902.*

SIR: I have the honor to state that during the week ended April 19, 1902, there were reported to the medical officer of health for Birkenhead 1 case of smallpox; scarlet fever, 6 cases; diphtheria, 2; enteric fever, 4; erysipelas, 1 case, and measles 19 cases.

Respectfully,

CARROLL FOX,

*Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

*Report from London.*LONDON, ENGLAND, *April 24, 1902.*

SIR: I have the honor to make the following report for the week ended April 19, 1902: Five vessels were inspected and received bills of health, and on these vessels 124 members of the crew or cattlemen were vaccinated. On 1 vessel of the Atlantic Transport Line, the vaccination was performed by the ship's surgeon.

The smallpox situation remains about as last week. In the 76 great towns of England and Wales, there was a total of 72 deaths from this disease and of this number 42 occurred in London, and 21 in West Ham, a suburb of London, and rather close to the river. There was also 1 death in Glasgow.

During the week ended April 6 there were 13 cases and 9 deaths from plague in Egypt. In Mauritius, for the week ended April 10, there were 3 cases and 3 deaths.

Respectfully,

A. R. THOMAS,

*Passed Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

## GERMANY.

*Plague and cholera in various countries.*BERLIN, GERMANY, *April 21, 1902.*

SIR: I have the honor to transmit the following information obtained from the imperial health office at Berlin:

*Plague.*

EGYPT.—From March 28 to April 3, inclusive, 12 new cases and 9 deaths were registered, namely 5 (2) in Kom-el-Nour, 3 (3) in Benha, 3 (4) in Decheneh, 1 in Sheblanga in the province of Charkieh.

BRITISH INDIA.—In the Bombay Presidency, between March 8 and March 14, there were recorded 7,610 plague cases and 5,796 deaths. In the city of Bombay, during the week ended March 18 there occurred 974 new plague cases and 743 deaths. In addition to which, 254 deaths were registered as suspected plague. The total number of deaths 1,579, was less by 211 than during the foregoing week.

On March 15, a case of plague was recorded in Bassein in Burma.

CAPE COLONY.—On March 31, 2 plague cases occurred in Port Elizabeth.

BRITISH EAST AFRICA.—In accordance with a telegraphic report dated March 30, it appears that the total number of plague cases which have occurred up to the present, in the protectorate, amount to 43 and 17 deaths.

NEW SOUTH WALES.—In Sydney, according to official bulletins; there were registered during the three weeks ended on February 8, February 15, February 22, 4, 5, 9 plague cases and altogether 6 deaths.

QUEENSLAND.—During the week ended March 1, there occurred 3 plague cases in Brisbane, with 1 death.

*Plague and cholera.*

BRITISH INDIA.—In Calcutta during the week ended March 8, there were registered 519 plague cases and 462 deaths. In the same week there occurred 462 deaths from cholera.

Respectfully,

FRANK H. MASON,  
*United States Consul-General.*

The SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

*Health of Berlin.*

BERLIN, GERMANY, April 14, 1902.

SIR: I have the honor to report that the health of Berlin remained favorable during the week from March 23 to March 29. The mortality rate was again lower than that of the foregoing week, amounting (calculated on the year) to 15.5 against 16.0 per 1,000 of the population, and was therefore lower than two-thirds of the other German large towns, and considerably lower than in London, Paris, and Vienna. The death rate, however, was lower still in Charlottenburg with 13.8 and Schöneberg with 8.8 per 1,000 of the inhabitants. The number of acute diseases of the intestines remained unchanged and caused 33 deaths. The number of cases of acute disease of the respiratory organs decreased, having caused 60 deaths as against 76 in the foregoing week. The number of deaths from consumption was 82, being somewhat less than during the previous week. Measles claimed 13 and scarlet fever 9 victims. Cases of diphtheria were of less frequent occurrence and caused 3 deaths. Two persons succumbed to influenza. The number of deaths by violence amounted to 21.

Respectfully,

FRANK H. MASON,  
*United States Consul-General.*

The SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

HAWAIIAN ISLANDS.

*A death from plague at Honolulu.*

[Telegram.]

HONOLULU, H. I., April 24, 1902,  
via San Francisco, Cal., May 1, 1902.

WYMAN, Washington, D. C.: There was a death from plague at Honolulu, April 19.

COFER.

HONDURAS.

*Report from La Ceiba—Fruit port.*

LA CEIBA, HONDURAS, April 26, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended April 26, 1902: Population according to census—no official census. Present esti-

mated population, about 4,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 2. Prevailing diseases, malarial. General sanitary condition of the port and surrounding country during the week, good.

Bills of health were issued to the following vessels: April 24, steamship *Condor*, number of crew, 16; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. April 26, schooner *Peerless*, number of crew, 7; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected none.

Respectfully,

W. B. ROBERTSON,

*Acting Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

#### ITALY.

#### *Report from Naples—Smallpox in Naples—Plague and cholera in Egypt.*

NAPLES, ITALY, April 14, 1902.

SIR: I have the honor to report that for the week ended April 12, 1902, the following ships were inspected at Naples:

April 9, the steamship *California*, of the Anchor Line, bound with passengers and cargo for New York. There were inspected and passed 1,096 steerage passengers and 90 pieces of large baggage; 1,600 pieces of baggage were disinfected by steam.

April 9, the steamship *Archimede*, of the Italian General Navigation Company, bound with passengers and cargo for New York. There were inspected and passed 821 steerage passengers and 31 pieces of large baggage; 1,300 pieces of baggage were disinfected by steam.

April 10, the steamship *Vancouver*, of the Dominion Line, bound with passengers and cargo for Boston. There were inspected and passed 1,210 steerage passengers and 270 pieces of large baggage; 1,700 pieces of baggage were disinfected by steam.

April 10, the steamship *Hohenzollern*, of the North German Lloyd Steamship Company, bound with passengers and cargo for New York. There were inspected and passed 505 steerage passengers and 50 pieces of large baggage; 950 pieces of baggage were disinfected by steam.

April 11, the steamship *Attivita*, of the Zino Line, bound with passengers and cargo for New York. There were inspected and passed 812 steerage passengers and 63 pieces of large baggage; 1,068 pieces of baggage were disinfected by steam.

April 12, the steamship *Citta di Torino*, of the Veloce line, bound with passengers and cargo for New York. There were inspected and passed 1,471 steerage passengers and 90 pieces of large baggage; 1,600 pieces of baggage were disinfected by steam.

#### *Smallpox at Naples.*

During the week ended April 12, 1902, there were officially reported at Naples 10 cases of smallpox, with no deaths.



*Smallpox in Italy.*

In the district of Bovino, province of Foggia, there is an extensive epidemic of smallpox prevailing.

*Bubonic plague in Egypt.*

On April 7 it was a year since the first case of bubonic plague was reported in Egypt. During the year 382 cases have appeared. Of these 228 ended in death, and 17 were still under treatment at end of the first year of the epidemic. Of the deaths, 206 occurred in the Delta, the remainder in upper Egypt. Cairo has remained free from plague.

*Asiatic cholera in Egypt.*

Reports from Alexandria state that there have been 5 deaths from Asiatic cholera among the pilgrims from the Hedjaz under treatment at the lazaretto.

At Ettor, 19 cases with 14 deaths are reported.

Respectfully,

J. M. EAGER,

*Passed Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

MEXICO.

*Report from Vera Cruz.*

VERA CRUZ, MEXICO, April 27, 1902.

SIR: I have the honor to make the following report for the week ended April 26, 1902:

From all causes there were reported 45 deaths. Nine cases and 6 deaths were reported from yellow fever and 4 cases and 1 death from smallpox. Eleven vessels and 218 passengers were inspected.

I was informed by the consul, who received a communication through the Treasury and State Departments, that 3 members of the yellow-fever institute would come to this port for the investigation of yellow fever. I have been assured by the physicians here that every possible facility would be given the commission to conduct any line of experiments that they might desire. The local officials have assured the consul of their hearty cooperation in furthering any experiments or studies. Since the consul's letter nothing further has been heard of the commission.

Respectfully,

S. H. HODGSON,

*Acting Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*

NEW BRUNSWICK.

*Inspection service at St. John.*

ST. JOHN, NEW BRUNSWICK, April 29, 1902.

SIR: I have the honor to report that during the week ended April 26, 1902, the following vessels and their crews were inspected by me at this port: Steamers, 4; schooners, 9; seamen, 267.

Respectfully,

T. DYSON WALKER,

*United States Medical Inspector.*

The SURGEON-GENERAL,

*U. S. Marine-Hospital Service.*



## NICARAGUA.

*Report from Bluefields—Fruit port.*

BLUEFIELDS, NICARAGUA, April 27, 1902.

SIR: I have the honor to make the following report of the conditions and transactions at this port during the week ended April 26, 1902:

Present officially estimated population, 4,000. Number of cases and deaths from yellow fever during the week, none; number of cases and deaths from smallpox during the week, none; number of cases and deaths from typhus fever during the week, none; number of cases and deaths from cholera during the week, none; number of cases and deaths from plague during the week, none; number of deaths from other causes during the week, 1. Prevailing diseases, none. The 1 death above noted was from old age. General sanitary condition of this port and the surrounding country during the week, very good.

Bills of health were issued to the following vessels: April 23, steamship *Utstein*, crew, 15; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none. April 26, steamship *Nicaragua*, crew, 18; number of passengers from this port, none; number of passengers in transit, none; pieces of baggage disinfected, none.

Respectfully,

D. W. GOODMAN,

Acting Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

## PHILIPPINE ISLANDS.

*Reports from Manila.*

MANILA, P. I., March 20, 1902.

SIR: I have the honor to report that 1 case of plague was reported in Manila, P. I., for the two weeks ended March 15, 1902, occurring in a Chinese with fatal results.

No smallpox was reported for this period.

Respectfully,

J. C. PERRY,

Passed Assistant Surgeon, U. S. M. H. S.,

Chief Quarantine Officer for the Philippine Islands.

The SURGEON-GENERAL,

U. S. Marine-Hospital Service.

*Cholera in Manila—Its introduction—Cases and deaths.*

MANILA, P. I., March 30, 1902.

SIR: Confirmatory of my telegram, "Cholera is now present Manila, 18. Think the disease was introduced by vegetables, Canton. The local board of health is taking all necessary steps to control. Quarantine rigid," of the 23d instant, I have the honor to report as follows relative to the occurrence of cholera in Manila, the progress of the disease to date, and the rules and regulations enforced to prevent its spread:

I think cholera had existed in Canton, China, for some time before its presence was reported, and during this period the Canton vegetables were permitted to be landed in Manila. This city is the greatest vegetable market in the Orient, as nothing of that character is produced here, all such supplies have to be imported, and all green vegetables

such as cabbage, celery, lettuce, and cauliflower have come from the Canton districts.

Assistant Surgeon Kerr, on duty in Hongkong, cabled March 3, that cholera was present in Canton and immediately stopped the shipment of all articles prohibited by the regulations from cholera-infected ports, but evidently vegetables admitted prior to knowledge of the disease in Canton introduced the infection. If information had been received one month sooner no doubt the introduction of the disease could have been prevented. It is both my opinion and that of the board of health that cholera gained entrance into Manila from this cause.

As soon as cholera appeared in Hongkong, I considered the situation of sufficient gravity to impose quarantine on all vessels arriving from that port and Amoy, as the former city is only forty-eight hours distant. This was at first counted from date of departure, but upon the appearance of the disease in Manila and in order to be absolutely certain, I imposed a quarantine of five days after the disinfection at Mariveles, also disinfecting at the same time the water tanks and removing all suspected Chinese food products.

No cases have developed on ships arriving from Hongkong, and comparatively few Chinese have been affected. The disease has been among the natives almost exclusively.

The first cases occurred on March 20, 1 of which can be traced to what is known as the Farola district, a small peninsula bounded by the Pasig River and Manila Bay. This small section contained about 400 nipa shacks, filthy in the extreme, and was the worst center of infection. More than one-half of the cases have occurred in this section and the immediate surroundings.

Upon the confirmation of the diagnosis of cholera by careful bacteriological tests and examinations, the board of health immediately instituted energetic measures to combat the disease.

The city was already divided into sanitary districts and inspection work was daily carried on in order to detect any plague cases that might occur, and a detention camp large enough to accommodate 2,000 people had recently been completed. In addition to the above, new stations were established in all sections of the city, the number of inspectors and physicians increased many times, and the inspection work carried on with vigor night and day. Every case of illness was examined and all that were suspicious were immediately sent to hospital. Cholera cases were sent to cholera hospital, and all contacts and suspects immediately sent to the detention camp, the infected house being at once disinfected, closed, and placed under guard. In this way the cases were secured early and the contacts caught before they had time to escape. In a few days, the number of cases continuing to increase in the Farola district, the property was appraised and burned, thereby destroying the worst foci. Immediately after this the daily number of cases commenced to diminish.

A cordon was immediately thrown around the city, ferry boats and passenger trains were stopped, and all passengers going to the neighboring provinces either by rail or small boat required to secure a permit from the board of health. All old wells and cisterns in the city were closed, and a guard was placed on the river supplying the city with water in order to prevent pollution and infection. All green vegetables in the city and markets that were considered as liable to convey the disease were bought and destroyed. People were advised by circular of the precautions to be taken, and distilled water was furnished free at different stations throughout the city.

The quarantining of the city against the provinces was immediately put into effect in order to prevent an exodus of people, and to prevent, if possible, the spread of the disease to other places in the islands. I immediately declared a five days' quarantine for all vessels leaving Manila for the United States ports or other places in the Philippine Islands and copies of circular letters sent to agents of vessels are inclosed for your information. Of course, everything was at a standstill for a few days, but trains are now running, and the island boats are now leaving after their five days' detention. I have instructed the officers at Iloilo and Cebu, and made pertinent suggestions to the acting health officers at the other ports of entry in the islands.

The daily number of cases and deaths from the disease, as well as the nationalities affected, is shown by the table below :

Date.	Number of cases.			Total—	
	Fillipinos.	Chinese.	Euro-peans.	Cases.	Deaths.
March 20.....	4			4	3
March 21.....	4	1		5	5
March 22.....	4			4	4
March 23.....	7	1		8	4
March 24.....	13		1	14	12
March 25.....	14			14	12
March 26.....	11	1		12	8
March 27.....	11	1		12	9
March 28.....	5	1		6	4
March 29.....	4	1		5	4
Total.....	77	6	1	84	65

The situation at date of writing is encouraging. The board of health is using every measure to eradicate the disease, and I think their efforts will be crowned with success.

Respectfully,

J. C. PERRY.

*Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer for the Philippine Islands.*

The SURGEON-GENERAL.

*U. S. Marine Hospital Service.*

*Circulars to steamship agents.*

MANILA, P. I., March 22, 1902.

SIR: In view of the fact that 6 suspected cases of cholera have occurred in Manila during the past two days, and in order to prevent the disease being carried to other ports in the Philippine Islands, I have to inform you that all vessels sailing from Manila for other island ports must comply with the following regulations before a bill of health will be granted :

1. The vessel must be thoroughly cleaned; cabins and forecables must be repainted, if necessary, and all cockroaches and vermin killed.

2. All water taken on board for the use of crew and passengers must be boiled.

3. All passengers and crew must have a certificate from the board of health.

4. All food products, vegetables especially, taken as cargo or for consumption on board, must be accompanied with a certificate from the board of health.

5. All passengers or crew taken sick during voyage with cramps or diarrhea must be separated from other persons and not allowed to use the water-closet. All matter passed by such sick persons must be kept in urinal and 5 per cent solution of carbolic acid added in quantity equal to the discharge and kept three hours before throwing overboard. All clothing and bedding soiled by those sick must be immediately boiled.

6. All vessels will anchor in the bay and wait for inspection before bill of health is granted.

7. Captains of ships must keep vessels clean during voyage, and any boat arriving in dirty condition will be sent to Mariveles for disinfection.

This order will go into effect immediately and continue in force until further notice.

Respectfully,

J. C. PERRY,  
Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer for the Philippine Islands.

The STEAMSHIP AGENTS, Manila, P. I.

MANILA, P. I., March 23, 1902.

SIR: You are hereby informed that all vessels leaving Manila for other ports in the Philippine Islands will be quarantined for five days before being allowed to sail, and the following rules, in addition to those already promulgated, will be enforced:

All the provisions of previous order of the 22d instant will be rigidly enforced except clause No. 3, and the following regulations must be obeyed:

1. All vessels after loading cargo and with passengers and crew on board must proceed into the bay and anchor far over to the right of the usual anchorage for incoming ships.

2. Must keep ladders raised and fly yellow flag continuously.

3. No one can leave or visit the ship except the quarantine officer.

4. Any violation of the regulations will meet with summary prosecution of the guilty parties and the penalty of fine and imprisonment will be inflicted.

5. In case of emergency and the necessity of supplying additional water and provisions, permission will be granted for communication under the direction of the quarantine officer.

6. No communication between the different ships will be allowed under any circumstances, and violations of this regulation will make it necessary to detain the vessels an additional five days in addition to inflicting the penalties on the guilty parties.

Respectfully,

J. C. PERRY,  
Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer for the Philippine Islands.

The STEAMSHIP AGENTS, Manila, P. I.

#### PORTO RICO.

#### Reports from Ponce.

PONCE, P. R., April 21, 1902.

SIR: Through the chief quarantine officer for Porto Rico, I have the honor to transmit herewith the quarantine and abstract of bills of health reports for the week ended April 19, 1902.

Of 6 vessels which entered during the week, 3 were inspected and passed and 3 were held in quarantine, as follows: French steamship *St. Domingue* on the 17th, from Port au Prince, Jeremie, Les Cayes, Jacmel, Santo Domingo, and Mayaguez; 30 pieces of baggage and 2 sacks of mail from Hayti and Santo Domingo were disinfected, and 24 pieces were inspected and passed. The provisional flag steamship *Julia* on the 18th, from Havana, Nuevitas, Gibara, Sagua la Grande, Santiago, Santo Domingo, and Macoris; 84 pieces of baggage and 1 sack of mail from Santo Domingo were disinfected, and 66 pieces, principally from Cuba, were inspected and passed. The Spanish steamship *Montevideo* on the 18th, from Havana, Port Limon, Colon, Sabanilla, Puerto Cabello, and La Guayra. Five passengers from La Guayra were permitted to disembark. Seven bills of health were issued during the week.

The local board of health admitted 15 new cases to the smallpox hospital and have 7 cases in quarantine in private houses during the past week, making in all 31 cases under treatment, as none of the 9 previously reported were discharged.

Respectfully,

W. W. KING,  
Assistant Surgeon, U. S. M. H. S.

The SURGEON-GENERAL,  
U. S. Marine-Hospital Service.

*Inspection of immigrants at San Juan for the week ended April 19, 1902.*

SAN JUAN, P. R., April 22, 1902.

SIR: I submit herewith report of alien steerage passengers arriving at this port during the week ended April 19, 1902.

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 17	French steamship St. Simon.....	Haitien and Dominican ports.....	6
Apr. 18	Spanish steamship Montevideo.....	Havana, Port Limon, Colon, Baranquilla, Porto Cabello, La Guayra, and Ponce.	6
Apr. 19	Provisional flag steamship Julia.....	Cuban and Dominican ports.....	25
	Total .....		37

Respectfully,

H. S. MATHEWSON,  
Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer for Porto Rico.

The SURGEON-GENERAL,  
U. S. Marine-Hospital Service.

*Inspection of immigrants at San Juan for the week ended April 26, 1902.*

SAN JUAN, P. R., April 29, 1902.

SIR: I submit herewith report of alien steerage passengers arriving at this port during the week ended April 26, 1902:

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 23	American steamship Caracas.....	Puerto Cabello, Curacao, La Guayra.....	4
Apr. 26	Spanish steamship José Gallart.....	Barcelona, Valencia, Alicante, Torreveja, Malaga, Cadiz, Las Palmas, and Teneriffe.	5
Do....	German steamship Croatia .....	Hamburg, Havre, Antwerp, Saint Thomas..	12
	Total .....		21

Respectfully,

H. S. MATHEWSON,  
Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer for Porto Rico.

The SURGEON-GENERAL,  
U. S. Marine-Hospital Service.

*Inspection of immigrants at subports of Porto Rico during the week ended April 19, 1902.*

SAN JUAN, P. R., April 22, 1902.

SIR: I submit herewith report of alien steerage passengers arriving during the week ended April 19, 1902, at subports of Porto Rico. April 16, French steamship *St. Domingue*, from Haitien and Dominican ports, with 5 immigrants. Other subports no transactions.

Respectfully,

H. S. MATHEWSON,  
Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer for Porto Rico.

The SURGEON-GENERAL,  
U. S. Marine-Hospital Service.



*Inspection of immigrants at Ponce for the week ended April 19, 1902.*

PONCE, P. R., April 21, 1902.

SIR: Through the chief quarantine officer for Porto Rico, I submit herewith report of alien steerage passengers arriving at this port during the week ended April 19, 1902:

Date.	Vessel.	Where from	No. of immigrants.
Apr. 17	French steamship St. Domingue .....	Port au Prince and Santo Domingo.....	24
Do....	Spanish steamship Montevideo.....	Havana, Port Limon, Sabanilla, Porto Cabello, La Guayra.	4
Apr. 18	Provisional flag steamship Julia. ....	Havana and Santo Domingo.....	17
	Total .....		45

Respectfully,

W. W. KING,  
*Assistant Surgeon, U. S. M. H. S.*

The SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*

SPAIN.

*Smallpox epidemic at Carthagena.*

CARTHAGENA, SPAIN, April 15, 1902.

SIR: I have the honor to inform you that smallpox has appeared in this city in an epidemic form. I have no means of ascertaining the exact number of cases, but I estimate them at perhaps 100. Vaccination is being practiced freely, and probably the outbreak will be controlled. There are also a few cases of typhoid fever. The remainder of this consular district is fairly healthy.

Respectfully,

JOSEPH BOWRON,  
*United States Consul.*

Hon. ASSISTANT SECRETARY OF STATE.

STRAITS SETTLEMENTS.

*Mortality of Singapore for January, 1902.*

MANILA, P. I., March 10, 1902

SIR: I have the honor to transmit for your information mortality statistics of Singapore for the month of January, 1902, furnished this office by the United States consul-general at that place.

Respectfully,

J. C. PERRY,  
*Passed Assistant Surgeon, U. S. M. H. S.,  
Chief Quarantine Officer for the Philippine Islands.*  
The SURGEON-GENERAL,  
*U. S. Marine-Hospital Service.*



*Mortality report of the settlement of Singapore, Straits Settlement, for the month of January, 1902.*

[Compiled by the registrar of births and deaths.]

Deaths from—	Male.	Female.	Total.	Ages at death.	Male.	Female.	Total.
Convulsions.....	40	27	67	Unknown.....	4	.....	4
Bronchitis.....	11	12	23	Under 3 months.....	26	34	60
Fever.....	206	47	253	3 months and under 1 year...	36	23	59
Dysentery.....	10	.....	10	1 to 5 years.....	15	13	28
Diarrhea.....	17	6	23	5 to 10 years.....	10	3	13
Cholera.....	19	5	24	10 to 20 years.....	22	10	32
Smallpox.....	2	1	3	20 to 25 years.....	74	13	87
Beriberi.....	86	6	92	25 to 35 years.....	176	34	210
Heart.....	5	.....	5	35 to 45 years.....	133	18	151
Phthisis.....	35	5	40	45 to 55 years.....	94	14	108
Injuries.....	1	1	2	55 to 75 years.....	66	16	82
Debility and age.....	63	26	89	75 and above.....	13	7	20
Other causes.....	155	45	200	Total.....	669	185	854
Unknown.....	19	5	24				
Total.....	669	185	854				

  

Nationalities.				Nationalities.			
Europeans.....	3	1	4	Other nations.....	54	27	81
Eurasians.....	5	2	7	Unknown.....	2	.....	2
Chinese.....	483	93	576	Total.....	669	185	854
Malays.....	70	55	125				
Indians.....	52	7	59				

Ratio per 1,000 of population, 42.77.

TURKEY.

*Cholera in the Hedjaz.*

ADEN, ARABIA, April 9, 1902.

SIR: I have the honor to forward herewith a copy of a letter addressed to me by consular agent at Hodeidah, regarding the outbreak of cholera in the province of Djiddah, for your information.

No further information on the subject has been received since.

Respectfully,

W. H. LOCKERMAN,  
United States Vice-Consul.

HON. ASSISTANT SECRETARY OF STATE.

HODEIDAH, March 28, 1902.

SIR: I have the honor to inform you that by a telegram from Djiddah the local health office was informed that the cholera in the province of Hedjaz is strongly increasing. Since February 19 up to the 26th instant there have been 1,300 deaths, what leads to calculate about 3,000 cases.

Respectfully,

V. CREMASCHI,  
United States Consular Agent.

WM. HOWELL LOCKERMAN, United States Vice-Consul.

*Foreign and insular statistical reports of countries and cities—Yearly and monthly.*

**AFRICA—Lourenço Marques.**—Month of February, 1902. Estimated population, 7,000. Total number of deaths, 21, including 3 from tuberculosis.

**FRANCE—Rouen.**—Month of March, 1902. Estimated population, 116,316. Total number of deaths, 287, including diphtheria, 4; enteric fever, 1; measles, 2; whooping cough, 1; smallpox, 1, and 60 from tuberculosis.

**GERMANY—Hanover.**—Month of February, 1902. Estimated population, 241,849. Total number of deaths, 279, including 22 from infectious diseases.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 76 great towns in England and Wales during the week ended April 12, 1902, correspond to an annual rate of 17.4 per 1,000 of the aggregate population, which is estimated at 14,862,909.

**London.**—One thousand five hundred and twenty-three deaths were registered during the week, including measles, 64; scarlet fever, 10; diphtheria, 23; whooping cough, 41; enteric fever, 1; smallpox, 73, and diarrhea and dysentery, 12. The deaths from all causes correspond to an annual rate of 17.3 per 1,000. In Greater London 2,099 deaths were registered. In the "outer ring" the deaths included 3 from diphtheria, 5 from measles, 1 from scarlet fever, 18 from smallpox, and 4 from whooping cough.

**Ireland.**—The average annual death rate represented by the deaths registered during the week ended April 12, 1902, in the 21 principal town districts of Ireland was 24.2 per 1,000 of the population, which is estimated at 1,092,322. The lowest rate was recorded in Queenstown, viz, 0.0, and the highest in Portadown, viz, 46.7 per 1,000. In Dublin and suburbs 206 deaths were registered, including diphtheria, 1; enteric fever, 2; measles, 3; whooping cough, 2, and 41 from tuberculosis.

**Scotland.**—The deaths registered in 8 principal towns during the week ended April 12, 1902, correspond to an annual rate of 22.1 per 1,000 of the population, which is estimated at 1,679,923. The lowest mortality was recorded in Leith, viz, 13.9, and the highest in Greenock, viz, 26.5 per 1,000. The aggregate number of deaths registered from all causes was 715, including diphtheria, 2; measles, 10; scarlet fever, 8, smallpox, 2, and 21 from whooping cough.

**GIBRALTAR.**—Two weeks ended April 6, 1902. Estimated population, 27,460. Total number of deaths, 27, including 7 from measles.

**JAMAICA—Port Antonio.**—Two weeks ended April 19, 1902. Estimated population not reported. One death reported. No contagious diseases.

**JAPAN—Nagasaki.**—Ten days ended March 31, 1902. Estimated population, 131,700. Total number of deaths not reported. One death from enteric fever reported.

MALTA.—Four weeks ended April 12, 1902. Estimated population, 183,679. Total number of deaths, 302, including diphtheria, 4, and 6 from enteric fever.

ST. HELENA.—Two weeks ended March 22, 1902. Estimated population, 3,342. Total number of deaths, 10. No contagious diseases.

SPAIN—*Cadiz*.—Month of March, 1902. Estimated population, 70,177. Total number of deaths, 254, including diphtheria, 1; enteric fever, 5; measles, 16, and 28 from tuberculosis.

*Valencia*.—Two weeks ended April 15, 1902. Estimated population, 204,000. Total number of deaths, 177, including enteric fever, 3, and 6 from smallpox.

SWITZERLAND.—Reports for the two weeks ended April 5, 1902, from 18 cities and towns having an aggregate estimated population of 770,000, show a total of 587 deaths, including diphtheria, 7; enteric fever, 2; measles, 9; scarlet fever, 1; whooping cough, 17, and 77 from phthisis pulmonalis.

WEST INDIES—*St Thomas*.—Six weeks ended April 11, 1902. Estimated population, 11,012. Total number of deaths, 43. No deaths from contagious diseases.

*Cholera, yellow fever, plague, and smallpox, December 27, 1901, to May 9, 1902.*

[Reports received by the Surgeon-General United States Marine-Hospital Service from United States consuls through the Department of State and other sources.]

[For reports received from June 29, 1901, to December 27, 1901, see PUBLIC HEALTH REPORTS for December 27, 1901.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton .....	Feb. 24-Mar. 22	11	10	
Fat-han .....	Mar. 22 .....			Raging.
Honan .....	Apr. 10 .....			Epidemic.
Hongkong .....	Mar. 6 .....		1	
Seungshan .....	Mar. 23 .....	13	10	
Sheshing .....	Mar. 19 .....			Spreading.
Tung Mun .....	Mar. 29 .....			Reported.
India:				Do.
Bombay .....	Nov. 28-Apr. 1		53	
Calcutta .....	Nov. 24-Mar. 22		1,032	
Madras .....	Nov. 16-Mar. 14		98	
Java:				
Batavia .....	Nov. 17-Dec. 14	48	27	
Philippine Islands:				
Manila .....	Mar. 20-Mar. 29	84	65	
Straits Settlements:				
Singapore .....	Oct. 1-Mar. 8		78	
Turkey:				
Djiddah .....	Feb. 19-Mar. 26	3,000	1,300	Estimated.
Mecca .....	.....do.....		788	
Medina .....	Mar. 6-Mar. 27		381	Among pilgrims.
Rebuk .....	To Mar. 27 .....		1	

YELLOW FEVER.

Brazil:				
Bahia .....	Dec. 1-Dec. 7	1	1	
Rio de Janeiro .....	Nov. 11-Mar. 16		198	
British West Indies:				
Barbados .....	Dec. 13 .....			Prevalent.
Costa Rica:				
Port Limon .....	Apr. 16 .....	3	1	
Dutch Guiana:				
Paramaribo .....	Dec. 1-Mar. 1	31	21	
Dutch West Indies:				
Curacao .....	Feb. 2-Feb. 8	1	1	
French Guiana:				
Cayenne .....	Mar. 27 .....	32	21	
Jamaica:				
Port Royal .....	Feb. 9-Mar. 1	4	1	
Mexico:				
Vera Cruz .....	Dec. 15-Apr. 19	73	45	
Venezuela:				
Puerto Cabello .....	Feb. 9-Feb. 15	1	1	

PLAGUE.

Africa:				
Lourenço Marquez .....	Jan. 1-Jan. 31		1	
Mossel Bay, Cape Colony .....	Dec. 6 .....			Reported.
Zanzibar, Nairobi .....	Mar. 20 .....	20	5	
Australia:				
Brisbane .....	Dec. 1-Dec. 31	1		
Newcastle .....	Mar. 21 .....			Do.
Sydney .....	Jan. 1-Jan. 31		1	
Brazil:				
Pernambuco .....	Apr. 4 .....			Declared.
Rio de Janeiro .....	Nov. 11-Mar. 2		105	
China:				
Hongkong .....	Dec. 8-Mar. 15	5	4	
Pakhoi .....	Apr. 25 .....			Epidemic.
Shuitung .....	Feb. 16 .....		100	Declared.
Tsang Shing .....	To Mar. 9 .....		20	
Yeungkong, Kwangtung .....	Apr. 12 .....			Epidemic in vicinity.

*Cholera, yellow fever, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Egypt</b> .....	Apr. 7, 1901-Apr. 7, 1902.	382	228	
Aboussir.....	Apr. 7-Apr. 9	8	2	
Alexandria.....	do	52	26	
Benha.....	do	11	5	
Decheneh.....	do	31	22	
Kafr Enon.....	do	1	1	
Kafr Rabieh.....	do	6	4	
Kom-el-Nour.....	Apr. 7-Apr. 9	27	8	
Korachieh.....	do	2	1	
Mansourah.....	do	1	1	
Minieh.....	do	5	1	
Mit-Gamr.....	do	23	14	
Nahtal.....	do	6	4	
Port Said.....	do	26	16	
Tantah.....	do	95	78	
Zagazig.....	do	77	32	
Ziftah.....	do	14	12	
<b>Formosa</b> .....	Oct. 1-Mar. 31	500	383	
<b>France:</b>				
Marseille.....	Dec. 1.....	1		On ss. Pehio, from Batoum.
<b>Hawaiian Islands:</b>				
Honolulu.....	Dec. 11-Apr. 19		16	
Kauai, Elelee.....	Jan. 23-Jan. 24		2	
<b>India:</b>				
<b>Bombay Presidency and Sind:</b>				
<b>Northern Division—</b>				
Ahmedabad City.....	Nov. 17-Mar. 15	5	5	
Bombay City.....	do	8,167	6,477	
Broach District.....	do	2,466	1,730	
Kaira District.....	do	4,326	2,934	
Surat District and Town.....	do	1,457	1,131	
Thana District.....	do	600	511	
<b>Central Division—</b>				
Ahmednagar District.....	do	48	38	
Khandesh District.....	do	8,198	6,399	
Nasik District.....	do	1,268	929	
Poonah District and City.....	do	5,570	4,676	
Satara District.....	do	20,388	14,979	
Sholapur District and Town.....	do	2,007	1,146	
<b>Southern Division—</b>				
Belgaum District.....	do	17,423	13,319	
Dharwar District.....	do	16,028	11,798	
Hyderabad Town and District.....	do	610	507	
Hubli Town.....	do	24	22	
Kanara District.....	do	380	219	
Kolaba District.....	do	251	213	
Ratnagiri District.....	do		210	
Karachi City and District.....	do	873	799	
<b>Political Charges—</b>				
Aundh State.....	do	494	280	
Baroda State.....	do	2,261	1,545	
Cutch State.....	do	650	559	
Kathinwar State.....	do	176	135	
Kolhapur and Southern Mahratta Country.....	do	14,186	9,703	
Sachin State.....	do	136	90	
Savanur State.....	do	628	509	
<b>Outside Bombay Presidency and Sind:</b>				
<b>Madras Presidency.</b> .....	do	6,811	5,728	
<b>Bengal—</b>				
Bhagalpur.....	do	196	172	
Burdwan Division.....	do	58	48	
Calcutta.....	do	2,305	2,065	
Chota Nagpur Division.....	do	542	451	
Orissa.....	do			
Patna.....	do	9,955	7,539	
<b>Northwest Province and Oudh:</b>				
Allahabad Division.....	do	5,074	4,696	
Benares Division.....	do	5,948	5,870	
<b>Punjab:</b>				
Delhi Division.....	do	31,126	24,611	
Jullunder Division.....	do	27,803	15,958	
Lahore Division.....	do	20,526	1,262	
Rawalpindi Division.....	do	11,987	7,877	



*Cholera, yellow fever, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Outside Bombay Presidency and Sind—Continued.				
Mysore State:				
Bangalore City, District, and Military Station.	Nov. 17-Mar. 15	4,559	3,514	
Chitaldrug District.....	.....do .....	618	670	
Kadur District.....	.....do .....	389	269	
Kolar District and Gold Fields.	.....do .....	163	124	
Mysore City and District.....	.....do .....	3,423	2,623	
Shimoga District.....	.....do .....	592	421	
Tumkur District.....	.....do .....	61	50	
Hyderabad State.....	.....do .....	1,536	1,210	
Kashmir:				
Jammu Province.....	.....do .....	6,265	3,326	
Japan:				
Nagasaki.....	Mar. 13.....	1	.....	Reported on ss. Taichu Maru from Formosa.
Mauritius.....	Nov. 29-Apr. 10	256	151	
Philippine Islands:				
Manila.....	Dec. 1-Dec. 14	5	5	
	Feb. 9-Feb. 22	2	2	
Russia:				
Batoum.....	Jan. 8.....	1	1	
Syria:				
Beirut.....	Jan. 5-Jan. 11	1	1	
Turkey:				
Bagdad.....	Jan. 16-Jan. 23	6	4	

## SMALLPOX.

Argentina:				
Buenos Ayres.....	Oct. 1-Dec. 31	185		
Austria-Hungary:				
Budapest.....	Jan. 15-Jan. 21	11		
Prague.....	Dec. 1-Apr. 12	142		
Barbados.....	Mar. 31-Apr. 5	15	1	
Belgium:				
Antwerp.....	Dec. 10-Apr. 12	126	30	
Ghent.....	Dec. 8-Feb. 22		25	
Liege.....	Mar. 9-Mar. 15		1	
Brazil:				
Bahia.....	Jan. 12-Jan. 25	2	1	
Ceara.....	Dec. 1-Dec. 31		1	
Rio de Janeiro.....	Nov. 11-Mar. 16		448	
Pernambuco.....	Nov. 1-Feb. 28		411	
British Columbia:				
Victoria.....	Jan. 5-Jan. 11	1		
Canada:				
Bellefille.....	Apr. 1-Apr. 12	20	1	
Hamilton.....	Mar. 1-Mar. 31	1		
Quebec.....	Dec. 15-Apr. 26	527	11	
China:				
Hongkong.....	Feb. 2-Mar. 22	19	17	One from Swatow on ss. Pelus, and 1 from Straits Settle- ments on ss. Honey Bee.
Colombia:				
Cartagena.....	Nov. 25-Apr. 6		35	
Panama.....	Dec. 17-Mar. 31		35	
Cuba:				
Ciego de Avila, Puerto Principe.....	Jan. 12.....	1		From Canada.
Guantanamo.....	Feb. 18.....	1		
Ecuador:				
Guayaquil.....	Sept. 28-Dec. 7		30	
England:				
Birmingham.....	Feb. 16-Apr. 19	5		
Bristol.....	Jan. 5-Jan. 11	1	1	
Leeds.....	Mar. 9-Apr. 12	4	2	
Liverpool.....	Dec. 15-Apr. 19	101	4	22 imported.
London.....	Dec. 28-Apr. 5	5,258	787	
Manchester.....	Feb. 16-Feb. 22	1		
Newcastle-on-Tyne.....	Dec. 22-Apr. 19	7		
North and South Shields.....	Jan. 19-Apr. 19	53	2	
Plymouth.....	Feb. 9-Apr. 12	3	1	

*Cholera, yellow fever, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>England—Continued.</b>				
Sheffield.....	Dec. 22-Mar. 22	9	.....	
Southampton.....	Feb. 16-Apr. 12	3	.....	
Swansea.....	Feb. 22-Mar. 1	1	.....	
Tottenham.....	Feb. 22-Mar. 1	.....	1	
West Ham.....	Feb. 22-Mar. 1	.....	7	
<b>Formosa:</b>				
Tamsui.....	Oct. 1-Oct. 31	7	.....	
<b>France:</b>				
Lyons.....	Dec. 1-Dec. 7	.....	1	
Marseille.....	Dec. 1-Mar. 31	.....	7	
Nantes.....	.....do.....	5	.....	
Nice.....	Nov. 1-Dec. 31	.....	26	
Paris.....	Dec. 8-Apr. 5	.....	72	
Rheims.....	Jan. 6-Apr. 6	68	17	
Roubaix.....	Feb. 22-Feb. 28	.....	1	
St. Etienne.....	Feb. 14-Feb. 28	1	.....	
Gibraltar.....	Jan. 20-Apr. 13	5	.....	
<b>Greece:</b>				
Athens.....	Jan. 5-Apr. 12	2	.....	
<b>Hawaiian Islands:</b>				
Honolulu.....	Apr. 9.....	1	.....	On transport Sheridan.
<b>India:</b>				
Bombay.....	Dec. 18-Apr. 1	.....	86	
Calcutta.....	Dec. 1-Mar. 22	.....	51	
Karachi.....	Nov. 25-Mar. 30	153	41	
Madras.....	Nov. 16-Feb. 28	.....	24	
<b>Ireland:</b>				
Dublin.....	Feb. 9-Feb. 15	3	.....	
<b>Italy:</b>				
Caserta.....	Mar. 24.....	.....	.....	Many cases.
Milan.....	Nov. 1-Feb. 28	16	7	
Naples.....	Dec. 1-Apr. 12	274	21	
Palermo.....	Dec. 29-Apr. 12	70	26	
Rome.....	Dec. 15-Jan. 25	.....	5	
Santa Maria Capuavetere.....	Mar. 24.....	.....	.....	Do.
<b>Jamaica:</b>				
Kingston.....	Dec. 22-Dec. 28	1	.....	From Colon.
Port Antonio.....	Jan. 5-Mar. 1	3	.....	
<b>Japan:</b>				
Nagasaki.....	Dec. 11-Dec. 20	1	.....	
<b>Liberia:</b>				
Monrovia.....	Dec. 8-Dec. 14	.....	1	
<b>Malta:</b>				
Valetta.....	Dec. 11-Feb. 15	12	.....	
<b>Manitoba:</b>				
Winnipeg.....	Dec. 8-Apr. 19	58	.....	
<b>Mexico:</b>				
City of Mexico.....	Dec. 9-Apr. 30	106	46	
Vera Cruz.....	Mar. 16-Apr. 19	11	5	
<b>New Brunswick:</b>				
Lynnfield.....	Jan. 18.....	1	.....	
Moncton.....	.....do.....	1	.....	
St. John.....	Oct. 20-Jan. 18	108	23	
Welsford.....	Jan. 18.....	1	.....	
<b>Nova Scotia:</b>				
Dartmouth.....	Mar. 29.....	5	.....	
Halifax.....	Sept. 23-Mar. 29	42	6	
Windsor.....	Dec. 15-Jan. 25	1	.....	
<b>Philippine Islands:</b>				
Manila.....	Feb. 9-Mar. 1	8	5	
<b>Porto Rico:</b>				
Arecibo.....	Mar. 8-Mar. 22	61	.....	
Ciales.....	.....do.....	6	.....	
Fajardo.....	.....do.....	1	.....	
Humacao.....	.....do.....	1	.....	
Ponce.....	To Apr. 19.....	33	.....	
San Juan.....	Feb. 1-Mar. 22	20	.....	
<b>Russia:</b>				
Moscow.....	Nov. 24-Apr. 5	221	72	
Odessa.....	Dec. 1-Apr. 12	75	21	
Riga.....	Jan. 25-Jan. 31	.....	5	
St. Petersburg.....	Dec. 1-Apr. 12	127	32	
Warsaw.....	Nov. 24-Feb. 22	.....	11	
<b>Scotland:</b>				
Dundee.....	Jan. 12-Apr. 12	20	.....	
Edinburgh.....	Feb. 16-Apr. 12	3	.....	
Glasgow.....	Dec. 28-Apr. 18	255	49	

*Cholera, yellow fever, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Spain:				
Cartagena.....	Apr. 15.....	.....	.....	Epidemic.
Corunna.....	Dec. 1-Apr. 12.....	.....	7	
Malaga.....	Nov. 1-Jan. 31.....	.....	62	
Valencia.....	Jan. 1-Feb. 28.....	415	74	
Straits Settlements:				
Singapore.....	Oct. 1-Feb. 15.....	.....	6	
Switzerland:				
Geneva.....	Mar. 9-Mar. 15.....	1	.....	
Turkey:				
Smyrna.....	Mar. 10-Mar. 16.....	.....	1	
Uruguay:				
Montevideo.....	Oct. 26-Mar. 29.....	949	73	
Wales:				
Cardiff.....	Feb. 2-Feb. 8.....	1	.....	

Weekly mortality table, foreign and insular cities.

Cities	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Acapulco	Apr. 12	6,000	1										
Alexandretta	Apr. 5	9,000	4										
Amherstburg	Apr. 26	2,250	0										
Amoy	Mar. 15	250,000											
Do	Mar. 22	250,000											
Do	Mar. 29	250,000											
Amsterdam	Apr. 12	532,871	188										
Do	Apr. 19	532,871	174	24									
Antwerp	Apr. 12	285,621	79										
Athens	Apr. 5	200,000	12										
Do	Apr. 12	200,000	18										
Bahia	Mar. 15	200,000	88										
Do	Mar. 22	200,000	83	12									
Do	Mar. 29	200,000	91	9									
Barmen	Apr. 5	143,500	52	9									
Beirut	do	80,000	19										
Belfast	Apr. 12	358,693	168										
Bergen	Apr. 5	73,000	19	5									
Berlin	Mar. 29	1,903,907	584	82									
Do	Apr. 5	1,903,907	564	98									
Birmingham	Apr. 12	523,284	206										
Bombay	Apr. 1	776,006	1,902	169	909	3		10					
Bremen	Mar. 29	160,823	65	7									
Bristol	Apr. 12	334,632	101										
Brussels	Apr. 5	582,665	188										
Do	Apr. 12	582,665	196										
Budapest	Apr. 1	729,383											
Do	Apr. 9	729,383											
Cairo	Mar. 25	608,910	366	30									
Do	Apr. 1	608,910	358	28									
Callao	Mar. 23	30,000	26										
Do	Mar. 30	30,000	20										
Do	Apr. 6	30,000	23										
Cartagena	Apr. 13	8,000	15	1									
Catania	Apr. 10	151,180	56	5									
Do	Apr. 17	151,180	55	4									
Christiania	Apr. 5	229,000	54										
Do	Apr. 12	229,000	63										
Cognac	Mar. 29	19,483	7										
Do	Apr. 5	19,483	3										
Cologne	do	383,041	147	21									
Colon	Apr. 20	8,000	5										
Copenhagen	Apr. 5	476,876	138	12									
Corunna	Apr. 12	44,000	30										
Crefeld	Apr. 5	106,887	29										
Curacao	Apr. 12	31,013	5										
Dublin	do	379,003	206	41									
Dundee	do	162,078	67										
Dusseldorf	Apr. 5	220,786	71										
Edinburgh	Apr. 12	322,966	125										
Flushing	Apr. 19	19,227	6										
Frankfort-on-the-Main	Apr. 5	296,900	83										
Funchal	Apr. 6	44,049	25	4									
Do	Apr. 13	44,049	17	6									
Geneva	Mar. 29	107,484	37										
Do	Apr. 5	107,484	45										
Girgenti	do	25,069	12										
Do	Apr. 12	25,069	14										
Glasgow	Apr. 18	760,423	338										
Gothenburg	Mar. 29	131,022	31	8									
Do	Apr. 5	131,022	54	15									
Hamburg	Apr. 12	724,835	211										
Hamilton, Bermuda	Apr. 22	16,113	2										
Hongkong	Mar. 15	283,418	102	3	1	9		4					
Do	Mar. 22	283,418	98	1		10		3					
Karachi	Mar. 30	108,808	160		92								
Kingston, Canada	Apr. 25	18,300	4										
Las Palmas	Mar. 29	49,500	17										
Do	Apr. 5	49,500	21										
Lausanne	Mar. 29	48,494	20										
Do	Apr. 5	48,494	12										
Leith	Apr. 12	78,605	21	4									
Licata	Apr. 5	23,000	8										
Do	Apr. 12	23,000	9										
Liege	Apr. 5	173,289	43										
Liverpool	Apr. 12	692,495	265										

## Weekly mortality table, foreign and insular cities—Continued.

Cities	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
London.....	Apr. 12	6,705,731	2,099					110		3	13	32	79
Madras.....	Mar. 28	509,346	382										15
Magdeburg.....	Feb. 15	228,410	81	13								1	3
Mainz.....	Apr. 12	85,000	26	4							1		1
Manchester.....	do.....	550,450	211	21						1	1	1	5
Mannheim.....	Apr. 5	146,007	38										1
Do.....	Apr. 12	146,007	33										1
Maracaibo.....	do.....	50,000	26	6									
Meibourne.....	Feb. 22	477,000								2			
Do.....	Mar. 1	477,000								2			
Do.....	Mar. 8	477,000								1			
Do.....	Mar. 15	477,000								3			
Messina.....	Apr. 5	107,000	27	3									
Do.....	Apr. 12	107,000	12	2									
Mexico.....	Apr. 13	368,777	396	31					36	3			2
Monrovia.....	Mar. 29	10,000	2										
Monte Cristi.....	Apr. 19	3,000	1										
Montevideo.....	Mar. 15	260,000	54	2				5					1
Moscow.....	Apr. 5	1,000,000	546	12				3	5	3	11	9	10
Newcastle-on-Tyne.....	do.....	214,881	86										3
Odesa.....	do.....	442,000	186	23				1			1	1	9
Do.....	Apr. 12	442,000	150	37						2	1		1
Osaka and Hiogo.....	Mar. 30	263,464	109										
Palermo.....	Apr. 5	310,000	112	2				2					
Do.....	Apr. 12	310,000	123	4				5			1		
Panama.....	Apr. 21	20,000											
Plymouth.....	Apr. 12	106,000	27	1									2
Port au Prince.....	Apr. 7	60,000	31										
Do.....	Apr. 14	60,000	22										
Do.....	Apr. 21	60,000	16										
Prague.....	Apr. 12	228,364	138	30						1		1	2
Puerto Cabello.....	Feb. 8	17,000	11										1
Do.....	Feb. 15	17,000	19	2			1						
Do.....	Feb. 22	17,000	5	2									
Do.....	Feb. 28	17,000	6										
Do.....	Mar. 8	17,000	8	2									
Do.....	Mar. 15	17,000	5										
Do.....	Mar. 22	17,000	9	2									
Do.....	Mar. 31	17,000	9	1									
Quebec.....	Apr. 19	68,000						2					
Rhems.....	Apr. 6	108,585	58	6				3			1	1	
Rotterdam.....	Apr. 19	341,572	114										
St. John, New Brunswick.....	Apr. 25	40,711	11	2									
St. John, West Indies.....	Mar. 29	34,971	18										
Do.....	Apr. 5	31,571	10										
St. Petersburg.....	do.....	1,248,643	688	108				2	1	13	11	19	13
St. Stephen, New Brunswick.....	Apr. 26	2,840	0										
Santa Cruz, Teneriffe.....	Apr. 5	36,500	12							1			
Santander.....	Apr. 14	53,574	32										
Sheffield.....	Apr. 5	411,091	138	19								1	5
Do.....	Apr. 12	411,091	119	9						2	1	5	6
Solingen.....	Mar. 29	15,142	16										1
Southampton.....	Apr. 12	107,833	27	2									3
Do.....	Apr. 19	107,833	30	2								1	1
South Shields.....	Apr. 5	103,532	36								1		5
Stettin.....	Apr. 12	215,267	83										
Stockholm.....	Mar. 29	211,000	112	20							2	1	3
Sunderland.....	Apr. 12	147,983	49							1	1		1
Trapani.....	Apr. 5	61,437	15										
Do.....	Apr. 12	61,437	17										
Tuxpam.....	Apr. 14	13,000	8										
Utiila.....	Apr. 12	696	0										
Vera Cruz.....	Apr. 19	32,000	43	4			5	2					2
Vienna.....	Apr. 5	1,726,604	778	148							6	6	31
Warsaw.....	do.....	711,988	34					2	1	2		4	4
Winnipeg.....	Apr. 19	45,156											1
Yokohama.....	Mar. 29	189,455								1		1	
Zurich.....	Apr. 5	161,782	66										5

By authority of the Secretary of the Treasury :

WALTER WYMAN,  
Surgeon-General U. S. Marine Hospital Service.